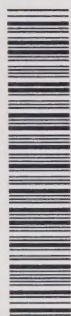


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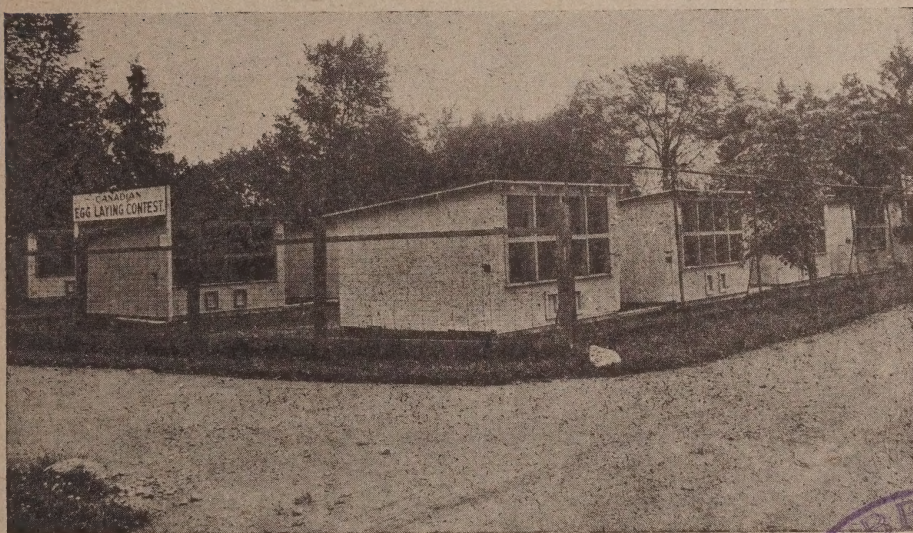


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Report of First Three Years

Canadian National Egg Laying Contests

By F. C. ELFORD, Dominion Poultry Husbandman
AND
A. G. TAYLOR, B.S.A., Poultry Husbandman



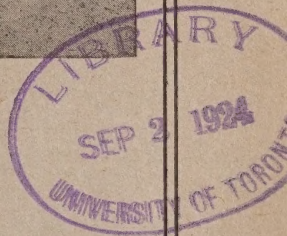
A Corner of the Canadian Egg Laying Contest, Ottawa.

DOMINION OF CANADA
DEPARTMENT OF AGRICULTURE

BULLETIN No. 38—NEW SERIES

POULTRY DIVISION
DOMINION EXPERIMENTAL FARMS

Published by direction of the Hon. W. R. Motherwell, Minister of Agriculture
Ottawa, 1924



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OTTAWA
F. A. ACLAND
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY
1924

CANADIAN NATIONAL EGG LAYING CONTEST

REPORT OF THE FIRST THREE YEARS

AND OF THE PRELIMINARY CONTEST HELD ON PRINCE EDWARD ISLAND.

GENERAL.

THE PURPOSE OF THE CONTESTS.

The purpose of the Canadian National Egg Laying Contest may be said to be threefold: (1) To stimulate interest in production. (2) To provide a medium for Record of Performance and Registration. (3) To secure data of an investigational nature.

To stimulate production was the primary motive, and laying contests should serve this purpose admirably, while the fund of data available through the contests (all of which are operated and controlled by the one division) is very considerable and when properly worked out should be of great value to the poultry industry.

The use of the Canadian National Egg Laying Contests as a medium for Record of Performance and later for registration has given the contests a very important place in the industry and this latter development will, without doubt, overshadow all others and become the real purpose of the contests.

THE DEVELOPMENT OF THE CONTESTS.

When the first Egg Laying Contest was started by the Experimental Farm, at the Charlottetown Experimental Station, P.E.I., November 1, 1918, it was not known just to what extent the project might develop. The interest taken in this first contest, however, was such that "The Canadian National Egg Laying Contest" was started November 1, 1919. Charlottetown Contest was repeated and new ones were started at Nappan, N.S., Cap Rouge, P.Q., Brandon, Man., Indian Head, Sask., Lethbridge, Alta., all of which were "Provincial" contests and the "Canadian" at the Central Farm, Ottawa, which was open to the world.

The New Brunswick at Fredericton, N.B., the Ontario at Ottawa, Ont., and the British Columbia at Agassiz, B.C., were added November 1, 1920, and in 1921 the same number of contests (nine Provincial and the Canadian) were conducted.

The first contest—the Prince Edward Island—was for eleven months only and was divided into two sections, "Heavy" and "Light" breeds, since which all contests have been for 52 weeks with no division as to light or heavy breeds.

HOUSING AND YARDS.

For the first two years all houses were the colony type, 10 by 12 feet, divided into two pens. When the British Columbia Contest was started a new type of house was used, a continuous house 16 feet deep divided into pens 6 feet wide. This has given good satisfaction, in that it is more economical from the labour standpoint, and saves expense in construction. Other houses of a similar type will be built for new contests.

Some of the contests are provided with yards, while others have none whatever. The first Prince Edward Island Contest had a yard for each pen, but these were done away with the second year and at the present time all contests east of the Great Lakes have no yards while those in Western Canada have yards.

There is less danger of contamination where no yards are used, but the question of whether confinement is good for birds which are to be bred at a later date is open to debate.

CHANGING THE CONTESTS.

The fifty-two-week contest leaves very little time to send out the contest birds and put in the incoming birds. In order to assist in this change over, the practice of sending home any birds which have stopped laying during the last weeks of the contest, was considered advisable. This practice proves of great assistance to those in charge of the work and in no way interferes with production. When these houses have been emptied of birds they are then cleaned and disinfected and prepared for the incoming birds. The ideal system would be to have double housing accommodation when the incoming contest birds could be housed without interfering with the birds which are finishing their contest year.

CONTEST EGG WEIGHTS.

Careful weighings are kept of the eggs laid by each bird throughout the contest.

The practice which is adopted is to weigh each individual egg at the commencement of the contest, the weight being recorded on the egg report for future reference. Only eggs averaging 20 ounces or over to the dozen are counted.

As the egg yield increases and eggs begin to run normal in size, weighings are taken once weekly, and always on the same day each week. All eggs are weighed the day after being layed and are therefore in the same degree of freshness so as to make weighings as uniform as possible.

RECORD OF PERFORMANCE.

Record of Performance "AA" and Advanced Record of Performance "AA" Certificates have been issued for the contest years 1919-20, 1920-21 and 1921-22.

The qualifications for Record of Performance "AA" certificates are the production of 150 to 224 eggs, which weigh 24 ounces per dozen, in fifty-two weeks. The bird must be typical of the breed she represents, and be free from Standard disqualifications. To obtain the Advanced Record of Performance certificate a bird must lay 225 eggs or upwards, and possess the other qualifications as above mentioned. A copy of a certificate form is appended (See last page).

REGISTRATION.

The granting of Registration certificates to qualified birds is a new feature in poultry work. This has been made possible by using the Egg Laying Contests as the medium through which females may qualify as regards production. The Canadian National Live Stock Records Office, Ottawa, issue all Registration certificates, thus placing the registration of poultry on an equal plane with that of Live Stock.

Full information upon registration may be received from the Secretary, Canadian National Poultry Record Association, Ottawa.

KEY TO VARIETIES.

Throughout the report abbreviations for the breed or variety may be used and the following will help explain these:—

Barred Plymouth Rock—B.P.R. or B.R.
 White Plymouth Rock—W.P.R.
 Partridge Plymouth Rock—Par.P.R.
 White Wyandotte—W.W.
 Buff Wyandotte—B.W.
 Silver Laced Wyandottes—S.W.
 Single Comb Rhode Island Red—S.C.R.I. or R.I.R.
 Rose Comb Rhode Island Red—R.C.R.I.R.
 Single Comb White Leghorns—S.C.W.L. or W.L.
 Single Comb Brown Leghorns—S.C.B.L.
 Single Comb Black Leghorns—S.C.B.L. or B.L.
 Rose Comb White Leghorn—R.C.W.L.
 Rose Comb Brown Leghorn—R.C.B.L.
 Single Comb Anconas—S.C.A. or Anc.
 Rose Comb Anconas—R.C.A.
 White Orpington—W.O.
 Buff Orpington—B.O.
 Blue Andalusians—B.A.
 Silver Spangled Hamburgs—S.S.H.
 Speckled Sussex—S.S.
 Light Brahmas—L.B.
 Canadians—Can.
 Golden Campines—G.C.

RULES AND REGULATIONS.

A few changes have been made in the rules from year to year, a copy of those used in the third year of the Canadian National Egg Laying Contest, 1921-22, is given in detail. Amongst the changes that were made from time to time might be mentioned.

1. The change from eleven to twelve months after the preliminary contest.
2. The first contest was open to all, but when the Canadian started, it was open to the world and the Provincial was open to breeders within the province only.
3. Substitution of two birds only was allowed in the 1919-20 contest. This was changed to full substitution in later contests.
4. Record of Performance was added after the preliminary contest and registration was allowed for those birds laying 200 eggs and over starting with the 1921-22 contest birds.

The First Announcement contained the following:—

Fees.—The entry fee for the Canadian Egg Laying Contest at Ottawa is \$15. The entry fee for all Provincial contests is \$5. One-fifth of the entry fee must accompany the application, which must be received before August 15. The balance must be paid upon notification of acceptance of the entry, which will be by September 30. Should the entry not be accepted, the first payment will be refunded, but should the balance of the entry fee not be received by October 10, the application will be cancelled and the first payment forfeited. Failure to forward the pen when instructed, automatically forfeits the fee, and the application is cancelled. All cheques or money orders must be made payable at par in Ottawa, and made out to the "Accountant for Egg Laying Contests."

Government Institutions.—No fee will be charged for entries from departments or institutions receiving Government aid, nor will such entries be eligible for any prizes that may be offered, but they will be placed according to standing in all reports.

EGG LAYING CONTESTS, 1921-22.

(Record of Performance AA.)

DOMINION EXPERIMENTAL FARMS.

RULES AND REGULATIONS.

1. *Number.*—Each entry or pen shall consist of ten birds of a standard variety; each bird must be typical of the breed, and free from standard disqualifications as laid down in the *Standard of Perfection*.

2. *Substitution.*—Each contestant will be allowed to keep his pen of ten birds up to strength throughout the year. In the Canadian Contest, two reserves intended as substitutes, must accompany the original birds and will be housed with them in the pen. The ten birds for the original pen must be specified before the contest begins. Further substitution will be allowed as deaths occur. In the Provincial Contests substitutes will be accepted when deaths occur.

3. *Acceptance of Entries.*—The accommodation being limited, any entry may be refused and preference will be given,—

1. To breeders who have had their flocks entered in Record of Performance.

2. To breeders who enter birds bred by themselves.

3. The inspector's report of the flock.

4. The time of application.

4. *Inspection.*—Pens for which applications have been received are subject to inspection between August 15 and September 30, and those that prove to be amongst diseased flocks or kept under unsanitary conditions will be rejected. Those that do not promise to mature satisfactorily or those that may mature too early, may be rejected.

5. *Declaration of Health.*—Each entry of a pen, and each additional entry of a male or female, must be accompanied by a declaration stating that the bird or birds come from a flock that has not been affected with chicken-pox or tuberculosis for at least three months previously.

6. *Banding.*—The birds must be delivered at the contest, when notified by the management, express prepaid. This will be from the 15th to the end of October. Address the shipping crate plainly with the address of the contest as given in the announcement, and on each crate put your own address, which must be the same as the address under which the application was made.

7. *Rejection.*—The management reserves the right to refuse any entries, to reject and return to the owner, those which are in any way unsuitable for the contest, to destroy birds suffering from contagious or infectious disease, to clip the wings of any bird that may be troublesome, to reject all birds that show impurity of breeding or standard disqualification, and to return to the owner, pens from which eggs have not been received by December 15.

8. *Breeding.*—After February 21 the owner will be allowed to send a suitable male to mate with his pen, and any or all eggs from a mated pen, from March 1 to April 18, may, at the request of the owner, be shipped to him, or to any other single address which he may designate. If he so desires, the owner may designate individual birds from which he wishes to have eggs for breeding. ALL eggs will be shipped in bulk, but only to the one address throughout the breeding season. As the mating of the pens is optional, it will be noted that in the case of cost of production awards, a proportionate reduction of feed will be made in the pens having a male bird.

9. *Price.*—Eggs so shipped, will be charged for at a price to cover market value plus extra cost of handling, and will be shipped express collect. A bill will accompany each shipment, which must be paid, before the next shipment will be forwarded.

10. *Feeding and Housing.*—While in the contest the birds will receive the best of feed and care, and the system of feeding will be mixed grain in litter morning and evening, and dry mash in a hopper before them all the time. Green feed, grit, shell and beefscrap or green bone will also be supplied. They will be kept in houses having glass and cotton fronts.

11. *Eggs Counted.*—The contest shall be decided by the total number of marketable eggs laid by each pen. Exceedingly bad shaped eggs, soft shelled eggs or eggs weighing less than 20 ounces to the dozen, will not be given official credit.

12. *Disposal of Eggs.*—All eggs laid during the contest become the property of the Department of Agriculture, and those not shipped as breeding eggs will be sold at market prices.

13. *Reports.*—A report of the trap-nest weekly record of each bird, and a weekly and total record of each pen, will be issued at the close of each week. Copies of this report, along with a six months summary will be sent to each contestant, and to all papers that will publish them.

14. *The Return of the Birds.*—If no notification as to the return of the birds has been received by October 1, 1922, the birds on the completion of the contest will be sent by express collect, to the owner's address from which the shipment was made. Should any of the pens not be laying towards the close of the contest, and appear not likely to lay before the end, they will be returned earlier, so as to make room for birds entering for the next contest.

15. *Sale or Transfer.*—No recognition will be made of any sale or transfer of birds during the contest, nor shall any entry be withdrawn during the contest, except for reasons stated above.

16. *Record of Performance.*—All birds in the contests, not otherwise disqualified, whose eggs average 24 ounces to the dozen and that in fifty-two consecutive weeks lay 150 eggs, will receive certificates of Record of Performance AA, and those that lay 225 eggs, will receive certificates of Advanced Record of Performance AA.

17. *Responsibility.*—While every precaution will be taken, neither the management nor any official of the contest will be held responsible should loss occur.

18. *Final Decision.*—In all cases, the decision of the management shall be final.

FIRST PRINCE EDWARD ISLAND EGG LAYING CONTEST. EXPERIMENTAL FARM, CHARLOTTETOWN.

ENTRANTS AND TOTAL EGGS LAID

| Name and address of owner | Variety | Total eggs |
|---|---------------|---------------|
| HEAVY BREEDS | | |
| Adamson, T. J. Laurel, Que. | B. P. Rocks | 1,286 |
| Tait, W. E. B., Dorchester, N.B. | B. P. Rocks | 1,340 |
| Warren, H. L., 40 Oak Ave., St. Lambert, Que. | W. Wyandottes | 1,108 |
| Dowton, H. H., 195 Cowan Ave., Toronto | R. I. Reds | 1,175 |
| Spiers, Jas., Tracadie, P.E.I. | W. Wyandottes | 898 |
| Reed, A. T., Rollingdam, N.B. | B. P. Rocks | 1,237 |
| Cain, Henry W., M.D., Falmouth, N.S. | R. I. Reds | 828 |
| Aird, P. E., 293 West Notre Dame, Montreal, Que. | W. Wyandottes | 1,076 |
| Neales, Molly, Hartland, N.B. | B. P. Rocks | 1,103 |
| Rodd, B., Brackley Point, P.E.I. | B. P. Rocks | 866 |
| Retson, William, Truro, N.S. | R. I. Reds | 542 |
| | | 11,489 |
| LIGHT BREEDS | | |
| Chapman, C. B., Amherst, N.S. | W. Leghorns | 1,148 |
| McDonald, Rev. J. J., Kinkora, P.E.I. | W. Leghorns | 1,095 |
| Horsfall, Bert, St. Lambert, P.Q. | W. Leghorns | 1,103 |
| Neale, William, Bear River, P.E.I. | W. Leghorns | 1,019 |
| McKinnon, Wm. J., Truro, N.S. | Anconas | 1,028 |
| Pickard, W. J., Charlottetown, P.E.I. | W. Leghorns | 1,047 |
| Agricultural College, Truro, N.S. | W. Leghorns | 792 |
| McMillan, Mrs. Gordon, North River, P.E.I. | W. Leghorns | 957 |
| Haslam, F. W. E., Springfield, P.E.I. | W. Leghorns | 975 |
| | | 9,177 |
| | | 20,666 |

FIRST PRINCE EDWARD ISLAND EGG LAYING CONTEST, 1918-19.

THE FOLLOWING TABLE GIVES DETAIL FOR ELEVEN MONTHS FOR EACH PEN

| Pen No. | Scratch grain | Meal mixture | Beef scrap | Green feed | Grit | Shell | Char-coal | Total cost | Eggs laid | Value | Loss | Gain | Cost per doz. |
|------------|---------------|--------------|------------|------------|-------|-------|-----------|------------|-----------|--------|------|--------|---------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ | cts. |
| 1..... | 507 | 92.0 | 17.0 | 91 | 16.25 | 18.0 | 21 | 21.44 | 828 | 29 77 | | 8 33 | 31.0 |
| 2..... | 483 | 115.0 | 21.5 | 78 | 20.75 | 22.0 | 23 | 22.40 | 975 | 37 01 | | 14 61 | 27.4 |
| 3..... | 458 | 82.5 | 22.5 | 68 | 18.0 | 21.75 | 36 | 19 90 | 823 | 27 84 | | 7 94 | 28.9 |
| 4..... | 533 | 109.5 | 20.0 | 91 | 18.75 | 18.0 | 29 | 22 79 | 542 | 18 44 | 4 35 | | 50.4 |
| 5..... | 479 | 98.0 | 24.0 | 69 | 19.25 | 22.5 | 33 | 21 12 | 1,103 | 35 67 | | 14 55 | 22.9 |
| 6..... | 520 | 99.0 | 23.75 | 91 | 22.5 | 22.5 | 42 | 22 42 | 1,108 | 37 62 | | 15 20 | 24.2 |
| 7..... | 540 | 132.0 | 22.25 | 93 | 16.75 | 16.0 | 30 | 24 16 | 1,175 | 45 26 | | 21 12 | 24.6 |
| 8..... | 528 | 143.0 | 22.75 | 91 | 19.5 | 21.75 | 35 | 23 96 | 1,340 | 44 31 | | 20 35 | 21.6 |
| 9..... | 523 | 127.5 | 24.0 | 91 | 19.75 | 21.0 | 30 | 23 67 | 1,076 | 37 76 | | 14 09 | 26.4 |
| 10..... | 520 | 110.5 | 28.25 | 91 | 21.0 | 22.25 | 33 | 24 11 | 1,286 | 44 81 | | 20 70 | 20.1 |
| 11..... | 502 | 119.5 | 23.25 | 88 | 18.75 | 20.5 | 38 | 22 71 | 898 | 32 03 | | 9 32 | 30.2 |
| 12..... | 485 | 99.5 | 25.0 | 75 | 17.25 | 24.25 | 33 | 21 44 | 1,028 | 35 69 | | 14 25 | 24.0 |
| 13..... | 455 | 78.0 | 18.25 | 67 | 15.5 | 21.5 | 20 | 19 45 | 1,047 | 36 25 | | 16 80 | 21.6 |
| 14..... | 478 | 92.5 | 26.0 | 75 | 19.75 | 20.5 | 20 | 20 95 | 957 | 35 15 | | 14 20 | 26.1 |
| 15..... | 511 | 124.5 | 23.75 | 84 | 19.5 | 20.0 | 21 | 23 09 | 1,237 | 42 94 | | 19 85 | 20.1 |
| 16..... | 486 | 108.0 | 17.25 | 77 | 19.25 | 22.75 | 35 | 21 54 | 1,095 | 37 30 | | 15 76 | 24.0 |
| 17..... | 452 | 87.0 | 20.5 | 63 | 15.25 | 19.5 | 27 | 19 45 | 1,019 | 33 92 | | 14 47 | 20.1 |
| 18..... | 517 | 116.5 | 23.5 | 93 | 18.0 | 18.0 | 23 | 23 02 | 866 | 30 16 | | 7 14 | 31.8 |
| 19..... | 525 | 148.5 | 23.0 | 93 | 18.0 | 22.0 | 28 | 24 06 | 1,103 | 40 53 | | 16 47 | 25.2 |
| 20..... | 479 | 100.5 | 24.25 | 73 | 17.75 | 23.25 | 39 | 21 48 | 1,148 | 40 08 | | 18 60 | 21.6 |
| Total..... | 9,981 | 2,183.5 | 450.75 | 1,642 | 371.5 | 418.0 | 596 | 443 16 | 20,654 | 722 54 | | 279 38 | 25.7 |

SUMMARY

AVERAGE PRODUCTION PER BIRD FOR ELEVEN MONTHS

| Variety | Number of birds | Average eggs per bird |
|-----------------------|-----------------|-----------------------|
| Barred Plymouth Rocks | 50 | 145 |
| White Wyandottes | 30 | 128 |
| White Leghorns | 80 | 127 |
| Anconas | 10 | 127 |
| Rhode Island Reds | 30 | 106 |

Gross revenue per bird for 11 months \$4.51
 Average cost of feed per bird for 11 months 2.76
 Net revenue over cost of feed per bird for 11 months 1.75
 Average cost of eggs per dozen 25.7 c.
 Average price of eggs (sale price) 41.8 c.
 Average number of eggs laid per bird for 11 months 130

PART I.

FIRST ANNUAL CANADIAN NATIONAL EGG LAYING CONTEST
1919-20.

NAMES OF CONTESTS.

The success of the preliminary contest held upon Prince Edward Island in 1918-19 demonstrated the wisdom of the project and consequently a series of contests known as "The Canadian National Egg Laying Contest" with "Record of Performance" as an additional feature, was started November, 1919, and contests were located as follows:—

- Canadian Egg Laying Contest,
Experimental Farm, Ottawa, Ont.
Prince Edward Island Egg Laying Contest,
Experimental Station, Charlottetown, P.E.I.
Nova Scotia Egg Laying Contest,
Experimental Farm, Nappan, N.S.
Quebec Egg Laying Contest,
Experimental Station, Cap Rouge, Que.
Manitoba Egg Laying Contest,
Experimental Farm, Brandon, Man.
Saskatchewan Egg Laying Contest,
Experimental Farm, Indian Head, Sask.
Alberta Egg Laying Contest,
Experimental Station, Lethbridge, Alta.

CANADIAN EGG LAYING CONTEST, OTTAWA.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|-----|--|---------|----------|-----|-----|-----|------|------|------|------|------|------|-------|-------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. R. Stork, St. Catharines, Ont. | B.R.... | 181 | 141 | 197 | 122 | 100 | 183 | 88 | 153 | 172 | 163 | 28 | 1,528 |
| 2 | J. E. Rhoades, Ottawa, Ont. | B.R.... | 206 | 231 | 197 | 179 | D 92 | 254 | *197 | D 88 | D 78 | D101 | 11 | 1,634 |
| 3 | Vale P. Farm, Montreal, Que. | B.R.... | 170 | 199 | 188 | 136 | 168 | 75 | 169 | 223 | 91 | 141 | 20 | 1,580 |
| 4 | C. E. Smith, Scotland, Ont. | B.R.... | 163 | 128 | 110 | *99 | 112 | 198 | 193 | 207 | 76 | 126 | 47 | 1,459 |
| 5 | Dr. J. A. Lambertus, Eganville, Ont. | B.R.... | 131 | 55 | 153 | 144 | 149 | 135 | 151 | D 69 | 79 | 138 | 69 | 1,273 |
| 6 | Laurel P. Farm, Rougemont, Que. | B.R.... | 195 | 108 | 57 | 152 | *131 | 184 | 151 | *192 | 156 | 213 | 21 | 1,560 |
| 7 | Hope P. Farm, Ottawa, Ont. | B.R.... | 150 | 114 | 174 | 1 | 141 | 122 | 15 | 0 | 130 | 124 | 11 | 982 |
| 8 | L. R. Guild, Rockwood, Ont. | B.R.... | 201 | 177 | 34 | 185 | 141 | *160 | 69 | 129 | 73 | 170 | 42 | 1,381 |
| 9 | W. J. Johnston, Meaford, Ont. | B.R.... | 151 | 107 | 75 | 190 | 144 | 199 | 224 | 184 | 161 | *120 | 35 | 1,590 |
| 10 | F. J. French, Newmarket, Ont. | B.R.... | 136 | 153 | 136 | 129 | *180 | 57 | 216 | 197 | 191 | 165 | 50 | 1,610 |
| 11 | F. J. Coldham, Kingston, Ont. | B.R.... | 272 | 109 | 131 | 117 | 141 | 107 | 118 | 119 | 133 | 97 | 48 | 1,392 |
| 12 | Mt. Greystone P. Farm, Val Morin, Que. | B.R.... | 202 | 65 | 153 | 145 | *160 | 140 | *172 | 100 | 169 | 66 | 66 | 1,438 |
| 13 | O'Brien P. Farm, Barryvale, Ont. | B.R.... | 13 | 147 | 86 | 123 | 100 | 127 | *113 | *112 | 125 | 124 | 80 | 1,150 |
| 14 | Laurel P. Farm, Rougemont, Que. | B.R.... | 148 | 108 | 181 | 109 | 161 | 129 | 57 | 249 | 181 | 166 | 25 | 1,514 |
| 15 | J. R. McMullin, Truro, N.S. | B.R.... | 206 | 135 | 168 | 162 | 141 | 128 | *134 | 163 | 121 | 195 | 29 | 1,582 |

CANADIAN EGG LAYING CONTEST, OTTAWA.

LIST OF ENTRANTS—Concluded

With individual and total production 1919-20—Concluded

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---|---------|----------|------|------|------|------|------|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 16 | Ludgate Farm, Eglington, Ont..... | B.R.... | 127 | 77 | 153 | 167 | 208 | 120 | 177 | * 63 | D130 | 172 | 54 | 1,448 |
| 17 | Mrs. E. Jolicoeur, Ottawa, Ont..... | B.R.... | 145 | 185 | 138 | 100 | 138 | 104 | 81 | 166 | 109 | 178 | 39 | 1,383 |
| 18 | E. C. Powell, Ottawa, Ont. | R.I.R.. | 207 | 189 | *149 | 154 | 149 | 137 | 61 | 168 | 144 | 213 | 12 | 1,583 |
| 19 | Sta. Avicole, Princeville, Que..... | R.I.R.. | 46 | D 22 | 139 | 94 | 195 | 115 | D 19 | 77 | 161 | D 98 | 135 | 1,101 |
| 20 | J. A. Duncan, Brussels, Ont..... | R.I.R.. | 165 | 108 | 128 | * 71 | *158 | 155 | 134 | 153 | 178 | 201 | 53 | 1,504 |
| 21 | O'Brien P. Farm, Barryvale, Ont..... | R.I.R.. | 89 | 114 | 132 | 98 | 86 | * 57 | 41 | * 47 | D 93 | 70 | 85 | 912 |
| 22 | W. F. Garland, Ottawa, Ont..... | S.W.... | 119 | *101 | 125 | 164 | *107 | 161 | 158 | D 88 | 98 | 131 | 30 | 1,282 |
| 24 | H. W. Horsfall, St. Lambert, Que..... | W.W.... | * 5 | 221 | 168 | 128 | 173 | * 90 | 220 | 194 | 126 | 191 | 21 | 1,537 |
| 25 | L. R. Guild, Rockwood, Ont..... | W.W.... | 114 | 185 | 217 | 221 | *126 | 182 | 164 | *188 | 149 | 77 | 32 | 1,655 |
| 27 | E. Palmer, Westboro, Ont..... | W.L.... | 84 | 142 | 124 | 113 | 135 | *40 | 167 | 124 | *81 | 103 | 17 | 1,130 |
| 28 | Vale P. Farm, Montreal, Que..... | W.L.... | 179 | 142 | 163 | 135 | 204 | 213 | 198 | 134 | 183 | 141 | 37 | 1,729 |
| 29 | Norfolk Spec. Farm, St. Williams, Ont..... | W.L.... | 119 | 157 | 161 | D105 | 146 | 69 | 128 | 133 | 30 | D 52 | 15 | 1,115 |
| 30 | W. J. Richardson, Caledonia, Ont..... | W.L.... | 112 | 98 | 165 | *124 | 186 | 124 | 77 | 187 | 94 | 108 | 23 | 1,298 |
| 31 | Walter Rose, Brussels, Ont. | W.L.... | 59 | 62 | 72 | D 68 | 36 | 97 | 111 | 2 | 88 | 70 | 31 | 696 |
| 32 | C. E. Smith, Scotland, Ont. | W.L.... | 134 | 116 | 159 | 142 | 103 | 190 | 128 | 195 | 97 | 136 | 21 | 1,421 |
| 35 | S. P. Stewart, Portage la Prairie, Man..... | W.L.... | D 64 | 169 | *142 | 155 | D 49 | 156 | 152 | D 70 | D 96 | *125 | 19 | 1,197 |
| 36 | O'Brien P. Farm, Barryvale, Ont..... | W.L.... | 135 | 117 | *107 | 123 | D176 | 200 | * 72 | 119 | 160 | 207 | 16 | 1,432 |
| 37 | O'Brien P. Farm, Barryvale, Ont..... | W.L.... | *138 | 212 | 179 | 142 | 152 | *118 | 190 | 138 | 145 | 171 | 14 | 1,599 |
| 38 | L. R. Guild, Rockwood, Ont..... | W.L.... | *208 | *106 | D121 | 102 | 72 | 157 | 139 | 118 | 92 | 114 | 39 | 1,268 |
| 39 | R. W. Kemp, London, Ont. | W.L.... | 125 | 33 | 74 | 133 | 102 | 56 | 52 | 170 | 125 | 100 | 17 | 987 |
| 40 | W. M. Alcorn, Hammond, B.C..... | W.L.... | 87 | *145 | 183 | 189 | 198 | 140 | 197 | 131 | 127 | 189 | 44 | 1,630 |
| 41 | Larkin Farms, Niagara, Ont..... | W.L.... | 147 | 123 | 214 | 164 | 83 | 118 | 103 | 205 | 150 | 129 | 14 | 1,450 |
| 42 | C. E. Williamson, Woodroffe, Ont..... | W.L.... | 183 | 93 | 147 | 177 | 146 | 156 | 19 | 136 | * 98 | 171 | 35 | 1,361 |
| 43 | Fletcher Bradley, Ottawa, Ont..... | W.L.... | * 40 | 175 | D 66 | 193 | D 9 | D 33 | D 19 | 123 | 116 | 84 | 28 | 826 |
| 45 | Agr. College, Winnipeg, Man..... | W.L.... | 148 | 157 | 131 | 139 | 121 | 108 | 76 | 131 | 86 | 182 | 25 | 1,304 |
| 46 | Bradley W. Linscott, Brantford, Ont..... | W.L.... | 192 | 205 | 175 | 156 | 95 | 100 | 107 | 170 | 208 | 114 | 17 | 1,539 |
| 47 | G. S. Gooderham, Clarkson, Ont..... | W.L.... | 163 | 188 | 196 | 150 | 130 | 106 | 170 | 96 | 143 | 129 | 16 | 1,487 |
| 48 | Central Exp. Farm, Ottawa, Ont..... | W.L.... | 135 | 64 | 130 | 121 | 156 | 120 | *145 | 132 | 137 | 185 | 24 | 1,349 |
| 49 | Central Exp. Farm, Ottawa, Ont..... | B.R.... | 144 | 129 | *129 | 175 | 121 | 141 | 116 | 162 | 137 | 119 | 29 | 1,402 |
| Total..... | | | | | | | | | | | | | | 60,298 |

*—Substituted.

D—Dead but not substituted.

Pens Nos. 23, 26, 33, 34, 44 and 50 were disqualified and returned to their owners and are not reported.

CANADIAN EGG LAYING CONTEST.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1919-20

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Grit | Shell | Char-coal | Other feeds | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|---------------|---------------|--------------|------------|------------|---------|---------|-----------|-------------|------------|-----------|----------|-------|----------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | \$ | \$ | \$ | \$ | cts. |
| 1..... | 609.0 | 135.0 | 36.0 | 364 | 33.0 | 41.0 | 7 | 15.5 | 33 80 | 1,528 | 84 71 | ..... | 50 91 | 26 |
| 2..... | 619.0 | 174.0 | 38.0 | 364 | 30.0 | 42.5 | 8 | 15.5 | 35 73 | 1,634 | 96 21 | ..... | 60 48 | 25 |
| 3..... | 602.0 | 150.0 | 35.0 | 364 | 30.0 | 40.0 | 8 | 15.5 | 33 88 | 1,580 | 86 68 | ..... | 52 80 | 26 |
| 4..... | 614.0 | 160.0 | 35.75 | 364 | 30.0 | 38.0 | 8 | 15.5 | 36 90 | 1,459 | 78 51 | ..... | 41 61 | 30 |
| 5..... | 607.0 | 164.0 | 37.25 | 364 | 30.0 | 39.0 | 6 | 15.5 | 34 19 | 1,273 | 71 29 | ..... | 37 10 | 32 |
| 6..... | 607.0 | 160.0 | 38.75 | 364 | 30.0 | 40.75 | 8 | 15.5 | 34 92 | 1,560 | 90 64 | ..... | 55 72 | 26 |
| 7..... | 580.0 | 164.0 | 38.5 | 364 | 30.0 | 37.25 | 8 | 15.5 | 33 65 | 982 | 54 10 | ..... | 20 45 | 41 |
| 8..... | 621.0 | 176.0 | 33.75 | 364 | 28.0 | 28.5 | 7 | 15.5 | 34 61 | 1,381 | 77 89 | ..... | 43 28 | 30 |
| 9..... | 603.5 | 178.0 | 35.25 | 364 | 30.0 | 36.0 | 7 | 15.5 | 35 04 | 1,590 | 93 65 | ..... | 58 61 | 26 |
| 10..... | 617.5 | 219.0 | 31.75 | 364 | 30.0 | 43.0 | 7 | 15.5 | 36 99 | 1,610 | 87 92 | ..... | 50 93 | 28 |
| 11..... | 599.5 | 187.0 | 33.5 | 364 | 30.0 | 37.5 | 7 | 15.5 | 34 87 | 1,392 | 76 14 | ..... | 42 27 | 30 |
| 12..... | 607.5 | 154.0 | 34.75 | 364 | 29.0 | 35.5 | 9 | 15.5 | 34 40 | 1,438 | 79 41 | ..... | 45 01 | 29 |
| 13..... | 608.5 | 141.0 | 34.25 | 364 | 30.0 | 33.0 | 6 | 15.5 | 33 78 | 1,150 | 58 60 | ..... | 24 82 | 35 |
| 14..... | 613.0 | 186.0 | 30.75 | 364 | 30.0 | 44.5 | 9 | 15.5 | 35 46 | 1,514 | 82 89 | ..... | 47 43 | 28 |
| 15..... | 594.0 | 155.0 | 34.0 | 364 | 31.0 | 37.5 | 7 | 15.5 | 33 9 | 1,582 | 86 25 | ..... | 52 35 | 26 |
| 16..... | 613.0 | 165.0 | 33.25 | 364 | 30.0 | 32.5 | 8 | 15.5 | 34 81 | 1,448 | 80 21 | ..... | 45 40 | 29 |
| 17..... | 612.0 | 168.0 | 32.25 | 364 | 30.0 | 37.0 | 7 | 15.5 | 34 91 | 1,383 | 75 53 | ..... | 40 62 | 30 |
| 18..... | 601.0 | 151.0 | 29.5 | 364 | 30.0 | 30.0 | 6 | 15.5 | 33 64 | 1,583 | 90 14 | ..... | 56 50 | 26 |
| 19..... | 564.5 | 153.0 | 24.25 | 364 | 30.0 | 26.0 | 5 | 15.5 | 33 14 | 1,101 | 64 43 | ..... | 31 29 | 36 |
| 20..... | 549.0 | 124.0 | 29.5 | 364 | 29.0 | 35.0 | 9 | 15.5 | 31 14 | 1,504 | 84 64 | ..... | 53 50 | 24 |
| 21..... | 575.0 | 134.0 | 29.25 | 364 | 30.0 | 29.0 | 5 | 15.5 | 32 36 | 912 | 48 82 | ..... | 16 46 | 43 |
| 22..... | 527.0 | 87.0 | 29.75 | 364 | 36.5 | 28.5 | 8 | 15.5 | 29 26 | 1,282 | 70 25 | ..... | 40 99 | 28 |
| 24..... | 546.0 | 149.0 | 26.0 | 364 | 26.0 | 34.0 | 6 | 15.5 | 30 74 | 1,537 | 83 71 | ..... | 52 97 | 24 |
| 25..... | 564.0 | 151.0 | 22.0 | 364 | 26.0 | 35.5 | 7 | 15.5 | 31 79 | 1,655 | 94 17 | ..... | 62 38 | 23 |
| 27..... | 524.0 | 116.0 | 26.25 | 364 | 30.0 | 34.0 | 8 | 15.5 | 29 35 | 1,130 | 59 92 | ..... | 30 57 | 31 |
| 28..... | 551.0 | 120.0 | 30.75 | 364 | 30.0 | 37.5 | 7 | 15.5 | 31 01 | 1,729 | 98 18 | ..... | 67 17 | 22 |
| 29..... | 472.0 | 96.0 | 25.75 | 364 | 30.0 | 30.0 | 6 | 15.5 | 26 65 | 1,115 | 61 03 | ..... | 34 38 | 29 |
| 30..... | 524.0 | 124.0 | 27.25 | 364 | 28.0 | 30.0 | 4 | 15.5 | 29 60 | 1,298 | 70 29 | ..... | 40 69 | 28 |
| 31..... | 498.0 | 62.0 | 24.75 | 364 | 30.0 | 22.0 | 7 | 15.5 | 26 02 | 696 | 36 62 | ..... | 10 60 | 45 |
| 32..... | 544.5 | 171.0 | 32.75 | 364 | 30.0 | 33.5 | 7 | 15.5 | 32 38 | 1,421 | 79 27 | ..... | 46 89 | 27 |
| 35..... | 452.0 | 92.0 | 30.25 | 364 | 28.0 | 32.75 | 7 | 15.5 | 25 72 | 1,197 | 67 09 | ..... | 41 37 | 26 |
| 36..... | 526.0 | 125.0 | 30.25 | 364 | 28.0 | 31.0 | 6 | 15.5 | 30 32 | 1,432 | 80 42 | ..... | 50 10 | 25 |
| 37..... | 525.0 | 138.0 | 28.25 | 364 | 30.0 | 34.5 | 6 | 15.5 | 30 39 | 1,599 | 90 82 | ..... | 60 43 | 23 |
| 38..... | 518.0 | 123.0 | 30.0 | 364 | 30.0 | 28.5 | 5 | 15.5 | 29 57 | 1,268 | 71 41 | ..... | 41 84 | 28 |
| 39..... | 528.0 | 86.0 | 32.75 | 364 | 30.0 | 27.0 | 5 | 15.5 | 28 54 | 987 | 54 08 | ..... | 25 54 | 35 |
| 40..... | 536.5 | 152.0 | 30.75 | 364 | 30.0 | 34.0 | 5 | 15.5 | 31 33 | 1,630 | 93 11 | ..... | 61 78 | 23 |
| 41..... | 517.0 | 120.0 | 28.5 | 364 | 30.0 | 24.0 | 5 | 15.5 | 29 24 | 1,450 | 81 95 | ..... | 52 71 | 24 |
| 42..... | 534.5 | 135.0 | 73.25 | 364 | 30.0 | 31.5 | 6 | 15.5 | 30 49 | 1,361 | 73 48 | ..... | 42 99 | 27 |
| 43..... | 536.5 | 138.0 | 31.75 | 364 | 30.0 | 29.0 | 6 | 15.5 | 30 49 | 826 | 43 64 | ..... | 13 15 | 44 |
| 45..... | 513.0 | 121.0 | 30.75 | 364 | 30.0 | 27.0 | 7 | 15.5 | 29 28 | 1,304 | 72 43 | ..... | 43 15 | 27 |
| 46..... | 539.0 | 149.0 | 29.25 | 364 | 30.0 | 31.0 | 6 | 15.5 | 29 34 | 1,539 | 85 22 | ..... | 55 88 | 23 |
| 47..... | 542.5 | 109.5 | 29.25 | 364 | 28.0 | 37.0 | 7 | 15.5 | 30 09 | 1,487 | 81 14 | ..... | 51 05 | 24 |
| 48..... | 502.0 | 104.0 | 28.0 | 364 | 30.0 | 23.0 | 4 | 15.5 | 27 74 | 1,349 | 74 22 | ..... | 46 48 | 24 |
| 49..... | 603.0 | 142.0 | 33.75 | 364 | 27.0 | 29.0 | 8 | 15.5 | 33 38 | 1,402 | 77 74 | ..... | 44 36 | 29 |
| Totals..... | 24,740.5 | 6,208.5 | 1,376.5 | 16,016 | 1,307.5 | 1,467.7 | 5 295 | 682 | 1,404 84 | 60,298 | 3,348 85 | ..... | 1,944 01 | ..... |
| Avg. (pen)... | 562.3 | 141.1 | 31.2 | 364 | 29.7 | 33.3 | 5 6.7 | 15.5 | 31 93 | 1,370 | 76 11 | ..... | 44 15 | 28 |

PRINCE EDWARD ISLAND EGG LAYING CONTEST.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---|-----------|----------|------|------|------|-------|------|------|-----|------|------|--------|-------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | H. L. Warren, St. Lambert, Que. | W.W.... | 106 | D 89 | 152 | 144 | 130 | 106 | *115 | 140 | D 93 | 103 | 37 | 1,215 |
| 2 | J. B. Millman, Kensington, P.E.I. | B.R.... | 127 | 184 | 152 | 118 | 116 | 148 | 135 | 156 | 117 | 123 | 48 | 1,424 |
| 3 | V. C. Fuller, Box 355, Amherst, N.S. | W.L.... | 144 | 139 | *103 | *146 | 164 | 144 | 117 | 143 | 141 | 104 | 14 | 1,359 |
| 4 | H. L. Machon, Murray Harbour, P.E.I. | B.R.... | D 71 | 129 | 158 | 180 | 100 | 104 | 111 | 186 | 146 | 156 | 62 | 1,403 |
| 5 | E. Howatt, French River, P.E.I. | R.I.R.... | 88 | D 45 | 59 | 96 | 164 | 0 | 128 | 158 | 119 | 133 | 32 | 1,032 |
| 6 | J. S. Moar, Sommerville, P.E.I. | B.R.... | 135 | 111 | 109 | 126 | 108 | 83 | 107 | 82 | 52 | 44 | 17 | 974 |
| 7 | R. G. Hamilton, Inverness, N.S. | S.W.... | 167 | 132 | 156 | 142 | D 57 | D 40 | D 8 | 82 | 110 | D 32 | 21 | 947 |
| 8 | Mont Anneau, Lower Montague, P.E.I. | B.R.... | 74 | 83 | 101 | 115 | 51 | 153 | 107 | 77 | 144 | 122 | 58 | 1,085 |
| 9 | Jas. Cain, Cardigan, P.E.I. | B.R.... | 116 | 122 | 170 | 130 | 104 | 128 | 80 | 141 | 98 | 116 | 22 | 1,227 |
| 10 | P. L. Campbell, Montague, P.E.I. | W.L.... | 135 | 142 | 137 | 131 | 176 | 92 | 151 | 119 | 138 | 149 | 23 | 1,393 |
| 11 | F. W. E. Haslam, Springfield, P.E.I. | W.L.... | 149 | 0 | 86 | 102 | 104 | 103 | 90 | 112 | 99 | 108 | 4 | 957 |
| 12 | B. Rodd, Brackley Pt. Rd., P.E.I. | B.R.... | 69 | 80 | *110 | 46 | 147 | 86 | 128 | 91 | 191 | 124 | 20 | 1,092 |
| 13 | J. R. McMullen, Truro, N.S. | S.S.... | 118 | 88 | 86 | 125 | 67 | 106 | 118 | 84 | 83 | 83 | 21 | 979 |
| 14 | Mrs. Morty McLean, Montague, P.E.I. | B.R.... | 108 | 115 | 50 | 83 | 142 | 56 | 138 | 125 | 148 | D 7 | 116 | 1,088 |
| 15 | C. B. Chapman, Amherst, N.S. | W.L.... | 172 | D 5 | 146 | 112 | 153 | 96 | 166 | 111 | 110 | 101 | 24 | 1,196 |
| 16 | R. C. McLaren, New Perth, P.E.I. | B.R.... | 91 | 108 | 101 | 104 | 128 | 139 | 98 | 144 | 120 | 142 | 42 | 1,217 |
| 17 | F. C. LeLacheur, Murray Harbour, P.E.I. | W.L.... | 187 | 146 | 185 | 118 | 195 | 113 | 117 | 144 | 88 | 123 | 10 | 1,426 |
| 18 | H. C. Fraser, Montague, P.E.I. | B.R.... | 103 | 118 | 104 | 146 | 141 | 66 | 42 | 145 | 186 | * 77 | 25 | 1,153 |
| 19 | Mrs. R. W. Bullpit, Cardigan, P.E.I. | W.L.... | 128 | 178 | 125 | 133 | 156 | 114 | 175 | 163 | 196 | 130 | 27 | 1,525 |
| 20 | Jas Speirs, St. Avars, P.E.I. | W.W.... | D 66 | 43 | D 59 | 159 | D 119 | 147 | *105 | 98 | 13 | 114 | 35 | 957 |
| 22 | Charlottetown Exp. Sta., P.E.I. | W.L.... | 166 | *123 | 152 | D 60 | 151 | 121 | 147 | 120 | 123 | 105 | 27 | 1,325 |
| 21 | Bert Horsfall, St. Lambert, Que. | W.L.... | 134 | 95 | 135 | 42 | 97 | 148 | 106 | 109 | 125 | 144 | 18 | 1,153 |
| Total..... | | | | | | | | | | | | | 26,127 | |

*—Substituted.

D—Dead but not substituted.

PRINCE EDWARD ISLAND EGG LAYING CONTEST, CHARLOTTETOWN.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1919-20

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------------|---------------|--------------|------------|------------|---------|--------|--------|------------|-----------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ | cts. |
| 1..... | 486 | 316.5 | 14.5 | 91.5 | 380.25 | 24.5 | 29.75 | 36.44 | 1,215 | 52.52 | ..... | 16.08 | 36 |
| 2..... | 505 | 427.0 | 16.0 | 91.5 | 380.25 | 36.5 | 39.0 | 42.86 | 1,424 | 60.16 | ..... | 17.30 | 36 |
| 3..... | 448 | 303.5 | 14.0 | 91.5 | 382.5 | 37.0 | 42.5 | 35.90 | 1,359 | 55.53 | ..... | 19.63 | 31 |
| 4..... | 493 | 453.5 | 16.0 | 91.5 | 382.5 | 41.75 | 42.5 | 44.10 | 1,403 | 59.41 | ..... | 15.31 | 38 |
| 5..... | 474 | 358.5 | 15.25 | 91.5 | 382.5 | 27.5 | 27.0 | 38.02 | 1,032 | 44.83 | ..... | 6.81 | 44 |
| 6..... | 457 | 336.5 | 15.0 | 91.5 | 382.5 | 33.5 | 39.5 | 36.98 | 974 | 40.61 | ..... | 3.63 | 45 |
| 7..... | 349 | 285.5 | 16.0 | 91.5 | 382.5 | 22.0 | 24.0 | 29.60 | 947 | 35.55 | ..... | 5.95 | 37 |
| 8..... | 524 | 374.5 | 16.25 | 91.5 | 382.5 | 37.0 | 40.0 | 41.99 | 1,085 | 44.21 | ..... | 2.22 | 46 |
| 9..... | 525 | 408.5 | 16.0 | 91.5 | 382.5 | 26.5 | 32.5 | 42.60 | 1,227 | 53.63 | ..... | 11.03 | 40 |
| 10..... | 470 | 394.5 | 15.0 | 91.5 | 382.5 | 31.0 | 34.5 | 39.69 | 1,393 | 64.22 | ..... | 24.53 | 34 |
| 11..... | 519 | 315.5 | 15.5 | 91.5 | 382.5 | 30.0 | 36.25 | 38.87 | 957 | 44.36 | ..... | 5.49 | 48 |
| 12..... | 466 | 363.5 | 15.5 | 91.5 | 382.5 | 28.75 | 29.0 | 38.32 | 1,092 | 46.32 | ..... | 8.00 | 42 |
| 13..... | 433 | 304.5 | 14.25 | 91.5 | 382.5 | 22.0 | 24.5 | 34.38 | 979 | 40.47 | ..... | 6.09 | 42 |
| 14..... | 482 | 388.5 | 16.0 | 91.5 | 382.5 | 33.0 | 32.5 | 39.57 | 1,088 | 46.68 | ..... | 7.11 | 44 |
| 15..... | 455 | 360.5 | 16.0 | 91.5 | 382.5 | 31.5 | 30.5 | 37.61 | 1,196 | 48.34 | ..... | 10.73 | 37 |
| 16..... | 515 | 386.5 | 16.0 | 91.5 | 382.5 | 35.5 | 41.0 | 41.78 | 1,217 | 53.12 | ..... | 11.34 | 41 |
| 17..... | 474 | 353.0 | 15.0 | 91.5 | 382.5 | 35.0 | 30.5 | 38.37 | 1,426 | 58.46 | ..... | 20.09 | 32 |
| 18..... | 450 | 313.5 | 16.0 | 91.5 | 382.5 | 34.0 | 30.0 | 36.14 | 1,153 | 48.32 | ..... | 12.18 | 37 |
| 19..... | 480 | 295.5 | 16.0 | 91.5 | 382.5 | 28.25 | 32.5 | 35.42 | 1,525 | 66.33 | ..... | 30.91 | 28 |
| 20..... | 471 | 282.5 | 16.0 | 91.5 | 382.5 | 27.5 | 30.5 | 34.72 | 957 | 37.20 | ..... | 2.48 | 44 |
| 21..... | 397 | 327.5 | 13.5 | 91.5 | 382.5 | 35.5 | 44.5 | 34.23 | 1,153 | 49.55 | ..... | 15.32 | 35 |
| 22..... | 470 | 340.0 | 14.5 | 91.5 | 382.5 | 31.0 | 31.5 | 37.84 | 1,325 | 58.98 | ..... | 21.14 | 34 |
| Total..... | 10,343 | 7,679.5 | 338.25 | 2,013.0 | 8,410.5 | 689.25 | 740.58 | 35.43 | 26,127 | 1,108.80 | ..... | 273.37 | ..... |
| Average (pen)..... | 470 | 349 | 15.5 | 91.5 | 382.5 | 31.5 | 33.5 | 37.92 | 1187.6 | 50.40 | ..... | 12.48 | 39 |

NOVA SCOTIA EGG LAYING CONTEST, NAPPAN.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---------------------------------------|---------|----------|-----|------|------|------|------|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. R. Stork, St. Catharines, Ont. | B.R.... | 182 | 100 | * 43 | 92 | 136 | 157 | 40 | 111 | 135 | 145 | 18 | 1,159 |
| 2 | W. E. B. Tait, Dorchester, N.B. | B.R.... | 71 | 173 | 137 | 128 | 67 | * 93 | 99 | 129 | 104 | 198 | 33 | 1,232 |
| 3 | A. T. Reid, Rollingdam, N.B. | B.R.... | 174 | 180 | 220 | 232 | * 86 | 166 | 177 | 150 | 183 | 168 | 23 | 1,759 |
| 4 | S. H. Payne, W. Bathurst, N.B. | B.R.... | D 83 | 90 | 95 | 110 | 103 | 124 | 126 | 98 | 95 | D 28 | 15 | 967 |
| 5 | A. Clegg, Amhurst, N.S. | B.R.... | 86 | 84 | 13 | 55 | 53 | 80 | 71 | 90 | 21 | 117 | 17 | 687 |
| 6 | F. J. Taggart, Ottawa, Ont. | B.R.... | 74 | 99 | 119 | 118 | 98 | 173 | 147 | 59 | 113 | 181 | 14 | 1,195 |
| 7 | N. Thacker, Bridgetown, N.S. | B.R.... | 112 | 110 | 149 | 114 | 143 | 160 | 167 | 154 | 159 | 89 | 40 | 1,397 |
| 8 | N. W. Eveleigh, Sussex, N.B. | B.R.... | 131 | 135 | 106 | 108 | 165 | 164 | 144 | 135 | 138 | 124 | 18 | 1,368 |
| 9 | F. W. Black, Amherst, N.S. | B.R.... | 128 | 113 | 143 | 122 | 151 | 164 | 120 | 103 | 73 | 150 | 31 | 1,298 |
| 10 | Nasonworth P. Club, Fredericton, N.B. | B.R.... | 114 | 162 | 152 | 90 | 186 | 214 | D 33 | 179 | 196 | 145 | 20 | 1,491 |
| 11 | Leverville P. Club, St. Stephen, N.B. | B.R.... | 150 | 171 | 166 | 148 | 181 | 187 | 88 | * 41 | 136 | 96 | 33 | 1,397 |
| 12 | Elmsville P. Club, Elmsville, N.B. | B.R.... | 167 | 178 | 187 | 178 | 117 | 137 | 129 | *124 | *128 | *104 | 15 | 1,465 |
| 13 | R. A. Snowball, Chatham, N.B. | W.L.... | 167 | 146 | 123 | 152 | 158 | 169 | 142 | 146 | 157 | 146 | 9 | 1,515 |
| 14 | C. B. Chapman, Amherst, N.S. | W.L.... | 103 | 120 | 100 | 72 | 2 | 71 | 86 | 119 | 89 | 102 | 16 | 880 |
| 15 | F. H. Johnson, Bridgetown, N.S. | W.W.... | 72 | 202 | 156 | 80 | 46 | 59 | 55 | 51 | 67 | 139 | 17 | 944 |
| 16 | F. Cochran, Amherst, N.S. | B.R.... | 110 | 86 | 91 | *138 | 86 | 104 | 53 | 115 | 89 | 169 | 64 | 1,105 |
| 17 | Fred Driscoll, Kentville, N.S. | W.W.... | 98 | 62 | 90 | 55 | 91 | 71 | 71 | 77 | 31 | 65 | 33 | 744 |
| 18 | R. T. VanAmberg, Oxford, N.S. | W.L.... | 151 | 157 | 59 | 134 | 128 | 125 | 159 | 136 | 83 | 130 | 43 | 1,305 |
| 19 | E. H. Morgan, Stanbridge, Que. | W.W.... | 186 | 80 | 114 | 146 | 133 | 110 | 116 | 126 | 199 | 91 | 10 | 1,311 |
| 20 | F. Cochran, Amherst, N.S. | Anc.... | 62 | 109 | 78 | 132 | 115 | * 57 | 113 | 93 | 120 | 108 | 20 | 1,007 |
| Total..... | | | | | | | | | | | | | | 24,226 |

*—Substituted.

D—Dead but not substituted.

NOVA SCOTIA EGG LAYING CONTEST, NAPPAN.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1919-20

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain. | Cost per dozen |
|--------------------|---------------|--------------|------------|------------|------|--------|-------|------------|-----------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ | \$ | cts. |
| 1..... | 583.0 | 350.0 | 42.75 | 28.25 | 48 | 18.5 | 36.0 | 38 45 | 1,159 | 53 96 | ..... | 15 51 | 39 |
| 2..... | 575.5 | 409.0 | 76.5 | 27.5 | 48 | 17.25 | 31.25 | 43 25 | 1,232 | 56 66 | ..... | 13 41 | 42 |
| 3..... | 594.0 | 337.0 | 51.25 | 32.0 | 48 | 12.5 | 33.5 | 39 12 | 1,759 | 80 16 | ..... | 41 04 | 27 |
| * 4..... | 553.5 | 271.5 | 39.0 | 29.0 | 48 | 18.0 | 31.5 | 33 15 | 967 | 43 46 | ..... | 10 31 | 41 |
| * 5..... | 496.0 | 454.5 | 67.0 | 29.0 | 48 | 18.0 | 31.5 | 39 49 | 687 | 29 86 | 9 63 | ..... | 69 |
| 6..... | 587.0 | 298.0 | 68.5 | 29.25 | 48 | 14.5 | 30.5 | 39 10 | 1,195 | 52 14 | ..... | 13 04 | 39 |
| 7..... | 578.0 | 336.0 | 85.0 | 22 25 | 48 | 21 5 | 35.5 | 41 49 | 1,397 | 62 66 | ..... | 21 17 | 35 |
| 8..... | 590.5 | 270.0 | 49.5 | 30.75 | 48 | 20.5 | 36.5 | 36 47 | 1,368 | 62 97 | ..... | 26 50 | 31 |
| 9..... | 589.0 | 300.5 | 57.0 | 27.0 | 48 | 22.5 | 31.5 | 38 06 | 1,298 | 57 90 | ..... | 19 84 | 35 |
| 10..... | 589.0 | 364.0 | 64.0 | 28.25 | 48 | 15.5 | 28.5 | 40 61 | 1,491 | 67 49 | ..... | 26 88 | 32 |
| 11..... | 582.0 | 371.0 | 56.25 | 29.0 | 48 | 18.5 | 44.5 | 41 08 | 1,397 | 64 60 | ..... | 23 52 | 35 |
| 12..... | 595.0 | 327.0 | 58.5 | 30.25 | 48 | 17.5 | 31.0 | 39 85 | 1,465 | 66 53 | ..... | 26 68 | 32 |
| 13..... | 522.0 | 296.5 | 25.0 | 27.75 | 48 | 10.5 | 22.5 | 32 53 | 1,515 | 68 84 | ..... | 36 31 | 26 |
| *14..... | 496.5 | 292.5 | 27.0 | 25.75 | 48 | 14.5 | 21.5 | 31 75 | 880 | 36 46 | ..... | 4 71 | 43 |
| 15..... | 535.0 | 309.0 | 22.0 | 28.0 | 48 | 17.5 | 36.5 | 33 72 | 944 | 43 70 | ..... | 9 98 | 42 |
| *16..... | 561.0 | 298.5 | 51.0 | 28.75 | 48 | 14.0 | 26 25 | 36 53 | 1,005 | 49 57 | ..... | 13 04 | 39 |
| *17..... | 547.5 | 253.5 | 22.5 | 27.5 | 48 | 19.0 | 27.5 | 32 28 | 744 | 32 93 | ..... | 0 65 | 52 |
| 18..... | 564.0 | 264.0 | 27.0 | 27.5 | 48 | 13.0 | 22.0 | 33 73 | 1,305 | 57 94 | ..... | 24 21 | 31 |
| 19..... | 559.0 | 275.5 | 23.0 | 28.5 | 48 | 15.5 | 28.5 | 33 42 | 1,311 | 60 10 | ..... | 26 74 | 30 |
| *20..... | 507.0 | 236.0 | 22.0 | 28.0 | 48 | 12.5 | 24.5 | 29 94 | 1,007 | 44 18 | ..... | 14 24 | 36 |
| Total..... | 11,204.5 | 6,314.0 | 934.75 | 564.25 | 960 | 329.25 | 611.0 | 734 02 | 24,226 | 1,092 17 | 9 63 | 367 78 | ..... |
| Average (pen)..... | 560.2 | 315.7 | 46.7 | 28.2 | 48 | 16.4 | 30.5 | 36 70 | 1,211.6 | 54 60 | ..... | 17 90 | 36 |

*Pen returned at end of 12th period.

QUEBEC EGG LAYING CONTEST, CAP ROUGE.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|-----------------|----------|------|------|------|------|------|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | W. J. H. Lummis, Lakefield, Que. | B.R.... | 151 | 112 | 147 | *190 | 171 | 134 | D 71 | 182 | *131 | *175 | 4 | 1,468 |
| 2 | J. R. Stork, St. Catharines, Ont. | B.R.... | 150 | 118 | 99 | 128 | 140 | 80 | 150 | 150 | 82 | 126 | 14 | 1,247 |
| 3 | Sta. Avicole de Princeville, Que. | B.R.... | D 32 | 76 | 121 | 55 | * 8 | 162 | *143 | 204 | 150 | 67 | 36 | 1,054 |
| 4 | Mme Andre Soucy, Ste. Anne dela Pocatiere, Que | B.R.... | 96 | 93 | 82 | 73 | D 36 | 107 | 67 | 87 | 130 | 129 | 3 | 903 |
| 5 | Marcus Armitage, Sherbrooke, Que. | B.R.... | 145 | 151 | 80 | 114 | 154 | 120 | 121 | * 76 | 100 | 125 | 59 | 1,245 |
| 6 | Mrs. J. P. B. Casgrain, Val Morin, Que. | B.R.... | 151 | 128 | 45 | 126 | 41 | 45 | 159 | D 42 | 98 | 90 | 49 | 974 |
| 7 | G. F. Fournier, Montmagny, Que. | B.R.... | 136 | 66 | 110 | 90 | 151 | 112 | 130 | 141 | 73 | * 83 | 24 | 1,116 |
| 8 | Jean Rolland, St. Jerome, Que. | W.P.R.. | 29 | 24 | D 34 | 136 | * 97 | * 58 | 59 | 67 | 111 | 96 | 41 | 752 |
| 9 | Ed. Page et Freres, Sans Bruit, Que. | R.I.R.. | 54 | 96 | 155 | *218 | 123 | 91 | D 20 | 163 | 191 | D 24 | 20 | 1,155 |
| 10 | Joseph Albert, St. Eloi, Que. | R.I.R.. | 156 | 57 | 150 | 150 | 107 | 150 | 171 | 115 | 119 | 164 | 40 | 1,379 |
| 11 | La Basse Cour St. Francois du Lac, Que. | R.I.R.. | 87 | 125 | 97 | 60 | 84 | 57 | D 74 | D 44 | 115 | 66 | 52 | 861 |
| 12 | Louis Lessard, St. Joseph de Beauce, Que. | R.I.R.. | 101 | 55 | 131 | 130 | 64 | 62 | 101 | 106 | 128 | 89 | 28 | 995 |
| 13 | Hermyle Lessage, La Trappe, Que. | R.I.R.. | 86 | 48 | 114 | 112 | 75 | 111 | 97 | 86 | 102 | 100 | 28 | 959 |
| 14 | L. de G. Belzile, Rimouski, Que. | R.I.R.. | 33 | D 27 | * 40 | 82 | 74 | 72 | 93 | 60 | * 24 | 51 | 1 | 557 |
| 15 | Sta. Avicole de Princeville, Que. | W.L.... | 99 | 88 | 90 | 123 | 112 | 159 | 99 | 92 | 12 | 129 | 7 | 1,010 |
| 16 | Larkin Farms, Niagara-on-the-Lake, Ont. | W.L.... | 150 | 151 | 112 | 35 | 62 | D 65 | 150 | 128 | 150 | 164 | 2 | 1,169 |
| 17 | Thos. Moir, St. Jerome, Que. | W.L.... | 142 | 116 | 108 | 127 | 123 | 146 | 168 | 160 | 150 | 98 | 23 | 1,361 |
| 18 | Geo. Jackson, Sherbrooke, Que. | S.C.B. L.... | 109 | 109 | 125 | 140 | 138 | 61 | 129 | 171 | 149 | 100 | 1 | 1,232 |
| 19 | Mrs. D. G. Harrison, Lennoxville, Que. | R.C.B. L.... | 151 | 72 | 117 | 80 | 68 | 119 | 93 | 151 | 129 | 150 | 10 | 1,140 |
| 20 | J. W. Gauvin, Champigny, Que. | R.I.R.. | 86 | 108 | 159 | 112 | 116 | *104 | 77 | 86 | 120 | 113 | 1 | 1,082 |
| Total..... | | | | | | | | | | | | | | 21,659 |

*—Substituted.

D—Dead but not substituted.

QUEBEC EGG LAYING CONTEST, CAP ROUGE.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs, and value, gain and cost per dozen in 1919-20

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Shell | Char-coal | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|---------------|---------------|--------------|------------|------------|-------|--------|-----------|------------|-----------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ | cts. |
| 1 | 732 | 81 | 28-0 | 22-5 | 210 | 32-5 | 38-75 | 33 69 | 1,468 | 78 46 | ..... | 44 77 | 27 |
| 2 | 727 | 179 | 33-0 | 22-5 | 210 | 32-5 | 33 75 | 37 03 | 1,247 | 67 86 | ..... | 30 83 | 36 |
| 3 | 702 | 111 | 42-5 | 22-5 | 266 | 21-5 | 18-0 | 33 77 | 1,054 | 57 61 | ..... | 23 84 | 38 |
| 4 | 638 | 38 | 25-0 | 21-0 | 300 | 29-5 | 26-0 | 28 19 | 903 | 46 51 | ..... | 18 32 | 37 |
| 5 | 726 | 104 | 36-0 | 22-75 | 266 | 30-5 | 6-0 | 33 89 | 1,245 | 65 65 | ..... | 31 76 | 32 |
| 6 | 725 | 144 | 22-5 | 22-75 | 266 | 24-0 | 21-5 | 34 33 | 974 | 51 46 | ..... | 17 13 | 42 |
| 7 | 747 | 125 | 43-5 | 21-5 | 266 | 25-5 | 9-5 | 35 66 | 1,116 | 58 80 | ..... | 23 14 | 37 |
| 8 | 743 | 64 | 26-5 | 23-5 | 260 | 29-5 | 9-5 | 32 10 | 752 | 37 32 | ..... | 5 22 | 52 |
| 9 | 657 | 162 | 39-5 | 18-75 | 266 | 24-0 | 13-0 | 32 87 | 1,155 | 61 64 | ..... | 28 77 | 34 |
| 10 | 670 | 131 | 24-5 | 23-5 | 266 | 32-5 | 32-5 | 34 92 | 1,379 | 75 51 | ..... | 40 59 | 30 |
| 11 | 718 | 166 | 24-5 | 24-0 | 262 | 25-0 | 3-75 | 34 59 | 861 | 44 05 | ..... | 9 46 | 48 |
| 12 | 736 | 172 | 32-5 | 23-0 | 262 | 27-5 | 5-5 | 35 86 | 995 | 51 61 | ..... | 15 75 | 43 |
| 13 | 731 | 175 | 26-5 | 23-5 | 264 | 28-0 | 34 75 | 36 54 | 959 | 53 62 | ..... | 17 08 | 45 |
| 14 | 556 | 17 | 14-5 | 21-25 | 254 | 11-0 | 7-25 | 22 88 | 557 | 30 34 | ..... | 7 46 | 49 |
| 15 | 611 | 67 | 19-25 | 21-0 | 264 | 15-25 | 6-0 | 26 76 | 1,010 | 53 25 | ..... | 26 49 | 31 |
| 16 | 661 | 121 | 14-5 | 22-25 | 266 | 23-5 | 8-25 | 30 53 | 1,169 | 62 82 | ..... | 32 29 | 31 |
| 17 | 648 | 118 | 22-5 | 21-75 | 210 | 23-0 | 13 75 | 30 56 | 1,361 | 72 73 | ..... | 42 17 | 26 |
| 18 | 609 | 110 | 9-0 | 20-75 | 210 | 27-5 | 32-5 | 29 27 | 1,232 | 64 72 | ..... | 35 45 | 28 |
| 19 | 575 | 51 | 20-5 | 21-0 | 264 | 25-0 | 20-0 | 25 73 | 1,140 | 61 71 | ..... | 35 98 | 27 |
| 20 | 726 | 77 | 30-5 | 22-5 | 266 | 37-0 | 13-0 | 32 56 | 1,082 | 56 53 | ..... | 23 97 | 36 |
| Total | 13,632 | 2,213 | 535-25 | 442-25 | 5,098 | 524-75 | 353-25 | 641 73 | 21,659 | 1,152 20 | ..... | 510 47 | ..... |
| Average (pen) | 682 | 110-5 | 26-75 | 22-0 | 255 | 26-0 | 17-5 | 32 09 | 1,083 | 57 61 | ..... | 25 52 | 33 |

MANITOBA EGG LAYING CONTEST, BRANDON.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|-------|---|----------------|----------|------|-----|------|-----|-----|------|-----|-----|-----|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Jos Woods, Brandon, Man. | B.R.... | 115 | 147 | 70 | 20 | 200 | 115 | 167 | 166 | 76 | 137 | 30 | 1,243 |
| 2 | H. L. Farmer, Rapid City, Man. | B.R.... | 104 | 148 | 102 | 160 | 17 | 70 | 97 | 8 | 59 | 21 | 5 | 790 |
| 3 | F. H. Johnson, Brandon, Man. | B.R.... | 69 | 91 | 25 | 150 | 162 | 5 | 40 | 21 | 87 | 3 | 10 | 663 |
| 4 | F. E. Merritt, Melita, Man. | B.R.... | 106 | 128 | 134 | 159 | 191 | 102 | 103 | 131 | 98 | 143 | 20 | 1,317 |
| 5 | Peerless Products Co., Brandon, Man. | Par P.R. | 79 | 75 | 94 | 92 | 86 | 96 | 141 | 114 | 80 | 96 | 13 | 966 |
| 6 | G. F. Thompson, Minnedose, Man. | W.W.... | 118 | *142 | 134 | 217 | 140 | 131 | 175 | 223 | 208 | 262 | 15 | 1,765 |
| 7 | Thos. Lund, Stonewall, Man. | W.W.... | 195 | 196 | 192 | 191 | 144 | 179 | 192 | 168 | 195 | 186 | 4 | 1,842 |
| 8 | W. Gregg, Desford, Man. | W.W.... | 59 | 136 | 115 | *112 | 178 | 156 | 152 | 110 | 156 | 141 | 46 | 1,361 |
| 9 | J. N. Scott, Moorepark, Man. | S.L.W.. | 176 | 158 | 161 | 189 | 151 | 65 | 136 | 181 | 78 | 172 | 15 | 1,482 |
| 10 | Arthur Howell, Brandon, Man. | W.L.... | 203 | 163 | 121 | 147 | 148 | 143 | 205 | 177 | 185 | 230 | 0 | 1,722 |
| 11 | E. S. Kay, Karnac, Man. | W.L.... | 118 | 149 | 171 | 101 | 147 | 88 | *138 | 129 | 181 | 145 | 0 | 1,367 |
| 12 | G. F. Windsor Crystal City, Man. | S. C. B. L.... | 126 | 111 | 151 | 138 | 190 | 155 | 141 | 168 | 145 | 152 | 2 | 1,479 |
| 13 | David Russell, Two Creeks, Man. | B.O.... | 132 | 100 | 120 | 111 | 101 | 107 | 82 | 113 | 90 | 107 | 18 | 1,081 |
| 14 | J. B. Ober, Brandon, Man. | B.O.... | 97 | 86 | 76 | 166 | 41 | 170 | 90 | 82 | 73 | 90 | 17 | 988 |
| 15 | H. G. Osborn, 147 Ford St., Winnipeg, Man. | B.O.... | 92 | 74 | 140 | 129 | 137 | 93 | 54 | 107 | 108 | 134 | 14 | 1,082 |
| 16 | W. H. Simington, Brandon, Man. | R.I.R.. | *168 | 121 | 181 | 164 | 130 | 215 | 238 | 242 | 180 | 179 | 12 | 1,830 |
| 17 | G. J. Gill, Broadview, S. | R.I.R.. | 80 | 109 | 91 | 6 | 98 | 86 | 80 | 107 | 9 | 15 | 7 | 688 |
| 18 | W. H. Howe, 698 Arlington St., Winnipeg, Man. | S.C. Anc.. | 233 | 202 | 246 | 164 | 172 | 193 | 220 | 202 | 215 | 194 | 0 | 2,041 |
| 19 | Kerr & McGuiness, Brandon, Man. | Camp.. | 19 | 9 | 98 | 98 | 86 | 100 | 60 | 109 | 110 | 90 | 8 | 787 |
| 20 | Chambers & Maguire, Brandon, Man. | R.I.R.. | 110 | 92 | 75 | 7 | 66 | 91 | 106 | 77 | 63 | 103 | 15 | 805 |
| Total | | | | | | | | | | | | | | 25,299 |

*—Substituted.

MANITOBA EGG LAYING CONTEST, BRANDON.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1919-20

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|---------------|---------------|--------------|------------|------------|-------|-------|-------|------------|-----------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ | cts. |
| 1 | 436 | 565 | 4.5 | 116 | 463 | 26.0 | 43.5 | 33 72 | 1,243 | 56 05 | ..... | 22 33 | 33 |
| * 2 | 394 | 629 | 4.5 | 114 | 451 | 35.0 | 42.0 | 33 83 | 790 | 34 14 | ..... | 31 | 50 |
| * 3 | 384 | 691 | 4.5 | 117 | 451 | 32.5 | 35.0 | 34 71 | 663 | 28 62 | 6 09 | ..... | 63 |
| 4 | 397 | 690 | 4.5 | 117 | 461 | 25.0 | 50.0 | 35 07 | 1,317 | 61 36 | ..... | 26 29 | 31 |
| 5 | 444 | 594 | 4.5 | 115 | 454 | 24.5 | 42.0 | 34 13 | 966 | 42 98 | ..... | 8 85 | 42 |
| 6 | 443 | 649 | 4.5 | 117 | 527 | 25.5 | 56.0 | 35 59 | 1,765 | 84 35 | ..... | 48 76 | 24 |
| 7 | 489 | 701 | 4.5 | 117 | 538 | 37.5 | 63.5 | 38 84 | 1,842 | 86 39 | ..... | 47 55 | 25 |
| 8 | 431 | 654 | 4.5 | 117 | 497 | 21.5 | 39.0 | 35 14 | 1,361 | 61 70 | ..... | 26 56 | 30 |
| 9 | 433 | 651 | 4.5 | 117 | 438 | 30.0 | 52.0 | 34 85 | 1,482 | 67 78 | ..... | 32 93 | 28 |
| 10 | 424 | 619 | 4.5 | 115 | 505 | 30.5 | 41.5 | 34 14 | 1,722 | 77 40 | ..... | 31 23 | 26 |
| 11 | 370 | 524 | 4.5 | 118 | 462 | 20.5 | 46.0 | 30 20 | 1,367 | 61 43 | ..... | 31 23 | 26 |
| 12 | 399 | 457 | 4.5 | 119 | 465 | 22.5 | 35.5 | 29 64 | 1,479 | 65 04 | ..... | 35 40 | 24 |
| * 13 | 412 | 533 | 4.5 | 119 | 451 | 25.0 | 35.0 | 31 38 | 1,081 | 46 14 | ..... | 14 76 | 35 |
| * 14 | 375 | 600 | 4.5 | 117 | 492 | 18.0 | 29.0 | 31 71 | 988 | 39 43 | ..... | 7 72 | 38 |
| * 15 | 352 | 631 | 4.5 | 118 | 451 | 31.5 | 43.0 | 32 92 | 1,082 | 44 05 | ..... | 11 13 | 36 |
| 16 | 477 | 675 | 4.5 | 121 | 460 | 31.0 | 63.0 | 37 93 | 1,830 | 83 23 | ..... | 45 30 | 24 |
| 17 | 433 | 696 | 4.5 | 118 | 451 | 27.5 | 44.0 | 36 47 | 1,888 | 29 35 | 7 12 | ..... | 63 |
| 18 | 395 | 517 | 4.5 | 117 | 459 | 28.5 | 50.0 | 30 75 | 2,041 | 95 44 | ..... | 64 69 | 18 |
| * 19 | 337 | 492 | 4.5 | 101 | 444 | 23.0 | 36.0 | 27 83 | 787 | 32 87 | ..... | 5 04 | 42 |
| * 20 | 394 | 583 | 4.5 | 119 | 647 | 27.5 | 40.0 | 33 61 | 805 | 35 66 | ..... | 2 05 | 49 |
| Total | 8,219 | 12,151 | 90.0 | 2,329 | 9,567 | 543.0 | 887.0 | 672 46 | 25,299 | 1,133 41 | ..... | 460 95 | ..... |
| Average (pen) | 410.9 | 607.5 | 4.5 | 116.4 | 478.3 | 27.1 | 44.3 | 33 62 | 1,264.9 | 56 67 | ..... | 23 04 | 32 |

*Pen withdrawn at end of 12th period.

SASKATCHEWAN EGG LAYING CONTEST, INDIAN HEAD.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|-------|---|----------|----------|-------|-------|------|-----|-------|-------|------|-------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | T. Gibbs, Moose Jaw, Sask. | W.L.... | * 91 | * 52 | 98 | 137 | 104 | 139 | 97 | 104 | 159 | 182 | 29 | 1,192 |
| 2 | S. Merkley, Moose Jaw, Sask. | W.L.... | 174 | 123 | 162 | 175 | 135 | 150 | 228 | * 99 | 192 | 95 | 104 | 1,637 |
| 3 | E. Anderson, Fleming, Sask. | W.L.... | * 97 | 88 | 69 | 107 | 113 | 96 | 55 | 56 | 69 | 133 | 48 | 931 |
| 4 | F. J. Oliver, Stratford, Ont. | W.L.... | 164 | 132 | 71 | 28 | 142 | 140 | 88 | 79 | 61 | 86 | 116 | 1,107 |
| 5 | A. A. Moreton, Saskatoon, Sask. | W.L.... | 100 | 27 | 53 | 111 | 158 | 74 | * 74 | 98 | 69 | 68 | 25 | 857 |
| 6 | S. Merkley, Moose Jaw, Sask. | Bl.L.... | 140 | 135 | 92 | 122 | 118 | 125 | * 90 | 92 | 133 | * 78 | 52 | 1,177 |
| 8 | Nor. Sask. Orpington Club, Saskatoon, Sask. | W.O.... | 62 | 144 | * 144 | 106 | 82 | 83 | * 103 | 128 | * 187 | 70 | 51 | 1,160 |
| 9 | H. G. French, Moosemin, Sask. | Buff.W.. | 39 | 57 | 116 | * 64 | 66 | 111 | 21 | 35 | 66 | 148 | 96 | 819 |
| 11 | W. W. Ashley, Saskatoon, Sask. | B.R.... | 45 | 113 | 4 | 14 | 42 | 58 | 21 | 125 | * 157 | 81 | 28 | 688 |
| 12 | L. H. Little, Dinsmore, Sask. | Par.R.. | 12 | 83 | 55 | 61 | 24 | 31 | 61 | 48 | 4 | 87 | 38 | 504 |
| 13 | University of Sask., Saskatoon, Sask. | R.I.R.. | 121 | 136 | 158 | 141 | 178 | D122 | * 126 | 125 | 125 | 113 | 32 | 1,377 |
| 14 | F. Holmes, Saskatoon, Sask. | R.I.R.. | 59 | 63 | 61 | 62 | 40 | 26 | 47 | 36 | 20 | 64 | 59 | 537 |
| 15 | Parkview P. Yards, Saskatoon, Sask. | W.W.... | 3 | 32 | 3 | 7 | 0 | 14 | 49 | 18 | 28 | 5 | 47 | 206 |
| 16 | J. McCheane, Borden, Sask. | W.W.... | 41 | 71 | 157 | 92 | 67 | 68 | 144 | 163 | 176 | 187 | 68 | 1,234 |
| 17 | H. Moon, Saskatoon, Sask. | W.W.... | 67 | 56 | 167 | 101 | 48 | 153 | 100 | 81 | 21 | 116 | 24 | 934 |
| 18 | A. G. Mitchell, Radisson, Sask. | R.I.R.. | 107 | * 100 | 140 | 88 | 84 | * 112 | 105 | 94 | 92 | 66 | 50 | 1,038 |
| 19 | J. Beatty, Rimbey, Alta. | W.W.... | 77 | * 23 | 68 | 118 | 17 | 106 | * 68 | 93 | D122 | 79 | 67 | 828 |
| 20 | Mrs. Hanson, Tessier, Sask. | R.I.R.. | 115 | 101 | 86 | 98 | 97 | 125 | * 135 | 95 | 72 | 146 | 53 | 1,123 |
| Total | | | | | | | | | | | | | | 17,349 |

*—Substituted.

D—Dead but not substituted.

SASKATCHEWAN EGG LAYING CONTEST, INDIAN HEAD.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1919-20

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Grit | Shell | Char-coal | Other feeds | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------------|---------------|--------------|------------|------------|-------|--------|-----------|-------------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ | cts. |
| 1..... | 649-0 | 245-0 | ..... | ..... | 16-5 | 16-5 | 18-0 | 42-5 | 28 08 | 1,192 | 52 67 | ..... | 24 59 | 28 |
| 2..... | 575-0 | 295-5 | ..... | ..... | 17-5 | 17-5 | 18-0 | 33-0 | 28 29 | 1,637 | 73 28 | ..... | 44 99 | 21 |
| 3..... | 618-0 | 217-5 | ..... | ..... | 22-5 | 14-25 | 19-5 | 29-5 | 26 12 | 931 | 39 47 | ..... | 13 35 | 34 |
| 4..... | 593-0 | 227-0 | ..... | ..... | 17-5 | 19-0 | 16-5 | 28-5 | 25 95 | 1,107 | 46 81 | ..... | 20 86 | 28 |
| 5..... | 610-0 | 206-5 | ..... | ..... | 18-0 | 17-5 | 19-0 | 34-0 | 25 87 | 857 | 35 51 | ..... | 9 64 | 36 |
| 6..... | 613-0 | 225-0 | ..... | ..... | 17-5 | 19-5 | 16-0 | 33-0 | 25 91 | 1,177 | 50 03 | ..... | 24 12 | 26 |
| 8..... | 673-0 | 196-5 | ..... | ..... | 18-0 | 13-0 | 15-0 | 27-0 | 27 92 | 1,160 | 46 69 | ..... | 18 77 | 29 |
| 9..... | 602-5 | 201-5 | ..... | ..... | 19-5 | 14-0 | 17-0 | 42-5 | 25 22 | 819 | 33 88 | ..... | 8 66 | 36 |
| 11..... | 665-0 | 165-0 | ..... | ..... | 19-5 | 18-0 | 15-0 | 40-0 | 25 94 | 688 | 32 51 | ..... | 6 57 | 45 |
| 12..... | 627-5 | 191-0 | ..... | ..... | 20-0 | 14-0 | 22-0 | 42-5 | 26 02 | 504 | 20 76 | 5 26 | ..... | 62 |
| 13..... | 618-0 | 211-0 | ..... | ..... | 16-5 | 13-0 | 12-5 | 36-0 | 26 51 | 1,377 | 43 06 | ..... | 16 75 | 23 |
| 14..... | 499-5 | 183-0 | ..... | ..... | 17-0 | 13-0 | 12-0 | 42-5 | 21 92 | 537 | 38 02 | ..... | 16 10 | 48 |
| 15..... | 357-0 | 122-0 | ..... | ..... | 11-0 | 8-0 | 11-5 | 33-0 | 14 70 | 206 | 15 79 | ..... | 1 09 | 86 |
| 16..... | 662-5 | 239-0 | ..... | ..... | 22-5 | 14-0 | 21-0 | 32-5 | 28 57 | 1,234 | 54 61 | ..... | 26 04 | 28 |
| 17..... | 676-5 | 219-0 | ..... | ..... | 26-0 | 18-0 | 24-5 | 37-5 | 28 56 | 934 | 40 49 | ..... | 11 93 | 36 |
| 18..... | 656-0 | 236-0 | ..... | ..... | 23-5 | 17-0 | 15-5 | 33-0 | 27 25 | 1 038 | 44 62 | ..... | 17 57 | 31 |
| 19..... | 677-5 | 222-0 | ..... | ..... | 19-5 | 14-5 | 21-5 | 20-5 | 28 29 | 828 | 36 32 | ..... | 8 03 | 41 |
| 20..... | 630-0 | 213-0 | ..... | ..... | 13-5 | 10-5 | 8-5 | 20-0 | 25 89 | 1 123 | 50 61 | ..... | 24 72 | 28 |
| Total..... | 11,001-0 | 3,815-5 | ..... | ..... | 336-0 | 271-25 | 391-5 | 616-5 | 466 81 | 173 49 | 755 13 | 5 26 | 293 58 | ..... |
| Average (pen)..... | 611-0 | 212-0 | ..... | ..... | 18-7 | 15-0 | 21-7 | 34-2 | 25 93 | 963-8 | 41 95 | ..... | 16 02 | 32 |

ALBERTA EGG LAYING CONTEST, LETHBRIDGE.

LIST OF ENTRANTS

With individual and total production 1919-20

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|---------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Wm. Northcott, Jr., Bed- dington, Alta..... | B.R.... | 236 | *138 | 180 | 133 | 169 | *106 | 204 | 181 | 77 | 205 | 29 | 1,658 |
| 2 | Mrs. Jos. Woods, Brandon, Man..... | B.R.... | 141 | 34 | * 56 | 121 | 102 | 107 | 138 | 137 | 130 | 160 | 17 | 1,143 |
| 3 | Mrs. A. R. Rhodes, Zelma, Sask..... | B.O.... | 95 | 133 | 67 | 97 | 107 | 108 | D 34 | 60 | 95 | 128 | 26 | 950 |
| 4 | Herbert Gregory, Strath- cona, Alta..... | W.W.... | *113 | 76 | 137 | * 84 | 223 | 68 | 126 | 149 | 75 | D 35 | 27 | 1,113 |
| 5 | David Lockerbie, Kerro- bert, Sask..... | W.W.... | 41 | 99 | 114 | * 40 | 135 | 53 | 66 | 117 | 102 | 168 | 29 | 964 |
| 6 | Timms & Eastwell, Cal- gary, Alta..... | B.W.... | 113 | * 73 | 63 | 139 | 92 | 112 | 138 | 98 | 138 | 47 | 22 | 1,025 |
| 7 | Ideal Poultry Yards, Sas- katoon, Sask..... | W.W.... | 147 | 100 | 178 | 137 | 152 | 160 | 190 | 141 | 112 | 143 | 17 | 1,477 |
| 8 | F. H. Young & Sons, De Winton, Alta..... | W.L.... | 106 | 63 | 140 | 131 | 63 | 132 | 148 | 135 | 128 | 142 | 12 | 1,200 |
| 9 | S. H. Jones, Blaine Lake, Sask..... | W.L.... | 88 | 150 | 153 | 192 | 129 | 140 | 125 | D 74 | 172 | 184 | 8 | 1,415 |
| 10 | Kerr & McGuiness, Bran- don, Man..... | G.C.... | 97 | 134 | 140 | 66 | 95 | 64 | 163 | 169 | 108 | 134 | 18 | 1,188 |
| 11 | A. E. Hetherington, Kerro- bert, Sask..... | S.S.H.. | 126 | 121 | 143 | 85 | 121 | 142 | 155 | 67 | 127 | 112 | 31 | 1,230 |
| Total..... |  |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 13,363 |

*—Substituted.

D—Dead but not substituted.

ALBERTA EGG LAYING CONTEST, LETHBRIDGE.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1919-20

| Pen number | Value of scratch grain fed | Value of meal mixture fed | Value of beef scrap fed | Value of green feed fed | Value of grit fed | Value of shell fed | Value of char- coal fed | Total cost of of feed | Eggs laid | Value of eggs | Loss | Gain | Cost per dozen |
|------------|-------------------------------------|------------------------------------|----------------------------------|----------------------------------|-------------------------|--------------------------|----------------------------------|-----------------------------|--------------|------------------|-------|--------|----------------------|
| | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | | \$ | \$ | \$ | cts. |
| 1..... | 22-27 | 6 89 | 1 96 | 2 92 | 0 19 | 0 52 | 0 20 | 34 95 | 1,658 | 80 37 | ..... | 45 42 | 25 |
| 2..... | 20 51 | 6 46 | 1 94 | 2 86 | 0 18 | 0 43 | 0 19 | 32 59 | 1,143 | 51 59 | ..... | 19 00 | 38 |
| 3..... | 20 62 | 6 42 | 1 94 | 2 92 | 0 18 | 0 43 | 0 19 | 32 72 | 950 | 42 46 | ..... | 9 64 | 45 |
| 4..... | 20 92 | 6 49 | 1 96 | 2 86 | 0 18 | 0 43 | 0 19 | 33 12 | 1,113 | 55 30 | ..... | 22 18 | 38 |
| 5..... | 20 93 | 6 23 | 1 97 | 2 86 | 0 18 | 0 42 | 0 20 | 32 79 | 964 | 41 20 | ..... | 8 41 | 46 |
| 6..... | 21 33 | 6 46 | 1 96 | 2 86 | 0 18 | 0 42 | 0 19 | 33 40 | 1,025 | 43 81 | ..... | 10 41 | 45 |
| 7..... | 21 97 | 6 79 | 1 96 | 2 86 | 0 19 | 0 45 | 0 19 | 34 43 | 1,477 | 61 37 | ..... | 26 94 | 33 |
| 8..... | 18 43 | 6 30 | 1 95 | 2 86 | 0 16 | 0 38 | 0 20 | 30 29 | 1,200 | 53 64 | ..... | 23 35 | 33 |
| 9..... | 18 39 | 6 42 | 1 96 | 2 86 | 0 16 | 0 42 | 0 20 | 30 42 | 1,415 | 67 68 | ..... | 37 26 | 27 |
| 10..... | 17 93 | 6 25 | 1 94 | 2 86 | 0 17 | 0 40 | 0 20 | 29 75 | 1,188 | 53 83 | ..... | 24 08 | 32 |
| 11..... | 15 40 | 5 72 | 1 94 | 2 86 | 0 16 | 0 32 | 0 20 | 26 60 | 1,230 | 53 16 | ..... | 26 56 | 28 |
| Total.. | 218 70 | 70 43 | 21 48 | 31 58 | 1 93 | 4 62 | 2 15 | 351 06 | 13,363 | 604 41 | ..... | 253 25 | 31 |

*The report of this contest is not complete—Feed Reports for the 12th and 13th Periods being omitted, viz—September 4—October 1 and October 2—October 29.

TABLE GIVING PRODUCTION COST FOR EACH CONTEST

Average per pen (10 birds) feed consumed, cost, egg yield and cost of production for 1919-20

| Contest | Scratch grain | Meal mix-ture | Beef scrap | Green feed | Milk | Grit | Shell | Char-coal | Other feeds | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|---------------------|---------------|---------------|------------|------------|---------|-------|-------|-----------|-------------|------------|-----------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | os. | \$ | | \$ | \$ | cts. |
| Canadian..... | 562-5 | 141-0 | 31-2 | 364-0 | 29-5 | 33-5 | 6-5 | 15-5 | 31 93 | 1,370-0 | 76 11 | 44 18 | 28-0 | |
| Pr. Edward Island. | 470-0 | 349-0 | 15-5 | 91-5 | 382-5 | 31-5 | 33-5 | ..... | 37 92 | 1,187-6 | 50 40 | 12 48 | 39-0 | |
| Nappan, N.S..... | 560-2 | 315-7 | 46-7 | 28-2 | 48-0 | 16-4 | 30-5 | ..... | 36 70 | 1,211-6 | 54 60 | 17 90 | 36-0 | |
| Cap Rouge, Que.... | 682-0 | 110-5 | 26-5 | 22-0 | 255-0 | ..... | 26-0 | 17-5 | 32 09 | 1,083-0 | 57 61 | 25 52 | 33-0 | |
| Brandon, Man..... | 410-9 | 607-5 | 4-5 | 116-4 | 478-3 | 27-1 | 44-3 | ..... | 33 62 | 1,264-9 | 56 67 | 23 04 | 26-7 | |
| Indian Head, Sask.. | 611-0 | 212-0 | ..... | ..... | ..... | 18-5 | 15-0 | 21-5 | 34-2 | 25 93 | 963-8 | 41 95 | 16 02 | 32-0 |
| Total..... | 3,313-7 | 1,736-2 | 124-2 | 622-7 | 1,163-0 | 122-9 | 187-0 | 45-5 | 59-7 | 198 74 | 7,350-6 | 350 93 | 152 19 | 32-4 |
| Average, per bird.. | 55-2 | 28-9 | 2-4 | 12-4 | 29-0 | 2-4 | 3-1 | 1-5 | 2-9 | 3-3 | 122-5 | 5 84 | 2 53 | 32-4 |

MORTALITY 1919-20 CONTESTS

| | Pens | Deaths | Per cent |
|---------------------------|------|--------|----------|
| Canadian..... | 44 | 64 | 14-5 |
| Prince Edward Island..... | 22 | 21 | 9-5 |
| Nova Scotia..... | 20 | 12 | 6-0 |
| Quebec..... | 20 | 24 | 12-0 |
| Manitoba..... | 20 | 4 | 2-0 |
| Saskatchewan..... | 18 | 20 | 11-1 |
| Alberta..... | 11 | 10 | 9-0 |
| Total..... | 161 | 155 | 9-5 |

NOTES.—The figures given above are for the number of pens that finished the contest year. In the Canadian Contest six pens were returned to their owners because of high death rate, and are not included in the above mentioned table. The per cent mortality was highest in the Canadian and lowest in the Manitoba Contest. The average mortality in all contests runs below the general flock average which is usually considered about 10 per cent.

Two causes for high death rate seem to be outstanding, viz.: reproductive system disorders and roup. The reproductive organ troubles were numerous, the outstanding one being prolapsis. Colds, which later develop into roup or canker, were quite common and being hard to exterminate usually exact a heavy toll from pens which become affected with this disease. Many pens were troubled with colds which seemed able to throw off the disease and although the production was very materially decreased the pen remained intact throughout the season.

In the First Canadian Contest six pens were so badly crippled by the loss of birds from roup that the remaining individuals were returned to their owners after the dangers from infection had been cleared away.

PART II.

SECOND ANNUAL CANADIAN NATIONAL EGG LAYING CONTEST
1920-21.

The Egg Laying Contests held in 1919-20 proving both popular and instructive the Department of Agriculture decided to extend the work, and November 1, 1920, a contest was started in every province in Canada, and the "Canadian Contest" was held at Ottawa. The total number of birds trapped during the year in these contests was 2,480. The names and locations of the contests were as follows:—

CANADIAN CONTEST.

Canadian Egg Laying Contest,
Experimental Farm, Ottawa, Ont.

PROVINCIAL CONTESTS.

Prince Edward Island Egg Laying Contest,
Experimental Station, Charlottetown, P.E.I.

Nova Scotia Egg Laying Contest,
Experimental Farm, Nappan, N.S.

New Brunswick Egg Laying Contest,
Experimental Station, Fredericton, N.B.

Quebec Egg Laying Contest,
Experimental Station, Cap Rouge, Que.

Ontario Egg Laying Contest,
Experimental Farm, Ottawa, Ont.

Manitoba Egg Laying Contest,
Experimental Farm, Brandon, Man.

Saskatchewan Egg Laying Contest,
Experimental Farm, Indian Head, Sask.

Alberta Egg Laying Contest,
Experimental Station, Lethbridge, Alta.

British Columbia Egg Laying Contest,
Experimental Farm, Agassiz, B.C.

CANADIAN EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1920-21.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|-----|--------------------------------------|---------|----------|------|------|------|-----|------|------|-----|------|------|-------|-------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. R. Stork, St. Catharines, Ont. | B.R.... | *120 | 153 | 195 | 160 | 164 | 172 | 99 | 212 | *127 | * 87 | ..... | 1,489 |
| 2 | Dr. S. Lafortune, Gatineau Pt., Que. | B.R.... | 193 | 189 | *134 | *198 | 153 | *177 | 125 | 116 | 151 | 148 | ..... | 1,584 |
| 3 | J. S. Greenshields, Toronto, Ont. | B.R.... | 155 | 158 | *122 | 121 | 72 | 127 | 171 | 7 | 118 | 64 | ..... | 1,115 |
| 4 | C. E. Smith, Scotland, Ont. | B.R.... | ..... | 111 | 155 | 158 | 101 | 145 | 165 | 158 | 87 | 3 | ..... | 1,083 |
| 5 | Mitchell Bros., Lansdowne, Ont. | B.R.... | *103 | 95 | D173 | 142 | 155 | 141 | 139 | 167 | 184 | 139 | ..... | 1,438 |
| 6 | M. T. Armitage, Sherbrooke, Que. | B.R.... | 184 | 116 | *149 | 174 | 119 | * 73 | 168 | 164 | 179 | 186 | ..... | 1,512 |
| 7 | J. R. McMullen, Truro, N.S. | B.R.... | 52 | 58 | 176 | 140 | 124 | *193 | D171 | 127 | 88 | 213 | ..... | 1,342 |
| 8 | W. E. B. Tait, Dorchester, N.E. | B.R.... | 185 | *104 | 126 | 226 | 229 | 153 | *149 | 259 | 208 | 195 | ..... | 1,834 |

CANADIAN EGG LAYING CONTEST.

LIST OF ENTRANTS—Concluded

With individual and total production 1920-21—Concluded

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---|---------|----------|-------|------|------|------|-------|------|------|-------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 9 | W. J. Johnston, Meaford, Ont. | B.R.... | 170 | 202 | *213 | 161 | 170 | 163 | 203 | 110 | *216 | 221 | ..... | 1,829 |
| 10 | F. J. French, Newmarket, Ont. | B.R.... | 147 | 133 | 141 | *120 | 105 | 208 | 182 | 188 | 158 | 183 | ..... | 1,565 |
| 11 | F. J. Coldham, Harrow-smith, Ont. | B.R.... | 133 | 154 | 121 | 158 | 171 | 127 | *157 | 199 | 145 | 74 | ..... | 1,439 |
| 12 | J. Campbell, Montreal West, Que. | B.R.... | 182 | 147 | 164 | 219 | 127 | 90 | 150 | 164 | 150 | 181 | ..... | 1,574 |
| 13 | J. H. Thompson, Port Dover, Ont. | B.R.... | 176 | 141 | *199 | *189 | 180 | 149 | 96 | 206 | 159 | 69 | ..... | 1,564 |
| 14 | R. H. Ashton, Morrisburg, Ont. | B.R.... | *166 | 150 | 146 | 127 | D 80 | 140 | 94 | 117 | D127 | 144 | ..... | 1,291 |
| 15 | A. C. Jones, Georgetown, Del., U.S.A. | B.R.... | D 43 | D 94 | 23 | 157 | D151 | D 31 | *135 | 145 | * 126 | 13 | ..... | 918 |
| 16 | Ontario Agricultural College, Guelph, Ont. | B.R.... | 219 | 189 | 145 | 206 | 246 | * 99 | 4 | *145 | 171 | *185 | ..... | 1,609 |
| 17 | Neff Bros., Simcoe, Ont. | B.R.... | 102 | 108 | 103 | 161 | *175 | 178 | 200 | 226 | 166 | 209 | ..... | 1,628 |
| 18 | S. M. Bullard, Knowlton, Que. | B.R.... | 157 | *147 | *163 | 114 | 246 | *168 | 159 | 204 | 228 | *107 | ..... | 1,693 |
| 19 | Exp. Farm, Ottawa, Ont. | B.R.... | 122 | 136 | * 86 | 160 | 61 | 206 | 142 | *151 | * 55 | 136 | ..... | 1,255 |
| 20 | Thos. Pewtress, Beaconsfield, Que. | R.I.R. | 65 | 131 | 47 | 122 | 189 | 190 | 164 | 132 | 149 | *160 | ..... | 1,349 |
| 21 | S. G. McDermott, Montreal, Que. | S.C. | 187 | 29 | 182 | 90 | 42 | 130 | * 59 | 115 | 154 | 154 | ..... | 1,142 |
| 22 | E. C. Powell, Ottawa, Ont. | R.I.R. | 112 | 110 | 101 | 153 | 129 | 218 | *127 | 149 | 85 | D 56 | ..... | 1,240 |
| 23 | J. W. Ewart, Moe's River, Que. | R.C. | 128 | 136 | *129 | 101 | 84 | 80 | 102 | 114 | 93 | *120 | ..... | 1,087 |
| 24 | Bert Horsfall, St. Lambert, Que. | R.I.R. | 228 | ..... | D104 | 136 | 79 | 51 | 59 | * 77 | 129 | 113 | ..... | 976 |
| 25 | Exp. Farm, Sidney, B.C. | W.W.... | *195 | 177 | * 99 | 196 | 146 | 132 | *179 | 218 | 80 | 176 | ..... | 1,598 |
| 26 | E. L. Ruddy, Pickering, Ont. | W.W.... | 165 | 175 | 146 | *100 | 110 | 154 | 99 | 108 | *148 | 168 | ..... | 1,373 |
| 27 | Chas. G. Moynan, Lennoxville, Que. | W.W.... | 114 | 166 | 140 | 145 | 143 | 88 | 124 | *104 | 167 | 64 | ..... | 1,255 |
| 28 | Alex. Scharf, Cummings Bridge, Ont. | W.W.... | 174 | 137 | 166 | 101 | 137 | 160 | 135 | 41 | 191 | 202 | ..... | 1,444 |
| 29 | J. S. Greenshields, Toronto, Ont. | W.O.... | 120 | *101 | *99 | * 89 | * 17 | 73 | 220 | 135 | 85 | * 96 | ..... | 1,038 |
| 30 | C. W. Robbins, Chilliwack, B.C. | B.O.... | 131 | 79 | *121 | 207 | 108 | 142 | 138 | 94 | 103 | * 44 | ..... | 1,167 |
| 31 | N. H. Gamp, New Hamburg, Ont. | Anc.... | 137 | 153 | 194 | 188 | 178 | 182 | *147 | 190 | 113 | 165 | ..... | 1,647 |
| 32 | C. E. Smith, Scotland, Ont. | W.L.... | 134 | D190 | * 99 | *103 | 163 | *197 | D143 | 152 | * 81 | * 38 | ..... | 1,300 |
| 33 | J. Campbell, Montreal-West, Que. | W.L.... | 177 | 183 | 234 | 126 | D151 | *116 | 182 | 147 | 120 | 130 | ..... | 1,566 |
| 34 | A. Neal & Son, Stratford, Ont. | W.L.... | 153 | *137 | 136 | 157 | 155 | 102 | 112 | 139 | 145 | 197 | ..... | 1,433 |
| 35 | L. E. Ingoldsby, Coopers-town, N.Y. | W.L.... | 182 | 119 | *193 | 246 | 225 | 191 | 217 | 211 | 214 | *216 | ..... | 2,014 |
| 36 | Dr. I. H. Ante, Richmond Hill, Ont. | W.L.... | 163 | *171 | 204 | 151 | *207 | 135 | 195 | *176 | 178 | * 50 | ..... | 1,630 |
| 37 | Lewis N. Clark, Port Hope, Ont. | W.L.... | 194 | 191 | 167 | *141 | 177 | * 156 | 176 | 169 | 149 | *149 | ..... | 1,669 |
| 38 | R. H. Ashton, Morrisburg, Ont. | W.L.... | D 86 | 128 | 160 | 163 | 133 | * 86 | D 45 | * 61 | 138 | 91 | ..... | 1,091 |
| 39 | Keith Merkley, Hammond, B.C. | W.L.... | 208 | D 74 | 202 | D109 | 195 | 187 | 218 | D118 | *115 | 228 | ..... | 1,654 |
| 40 | W. M. Alcorn, Port Hammond, B.C. | W.L.... | 163 | 217 | 209 | 159 | 208 | 179 | 225 | 173 | 189 | 225 | ..... | 1,947 |
| 41 | Thos. G. Delamere, Stratford, Ont. | W.L.... | 118 | *148 | 204 | 128 | *118 | 215 | 157 | 152 | 62 | 116 | ..... | 1,418 |
| 42 | A. Seiling, Elmira, Ont. | W.L.... | 110 | 123 | 159 | 79 | 119 | 187 | 88 | *144 | * 92 | 109 | ..... | 1,210 |
| 43 | Dr. J. A. Stewart, Montreal, Que. | W.L.... | 166 | 95 | 155 | 138 | 154 | 181 | 162 | 204 | 136 | 124 | ..... | 1,515 |
| 44 | Ontario Agricultural College, Guelph, Ont. | W.L.... | 281 | *193 | 207 | 252 | *252 | *208 | 173 | *203 | 220 | 266 | ..... | 2,255 |
| 45 | Manitoba Agricultural College, Winnipeg, Man. | W.L.... | 134 | 157 | 207 | 88 | 57 | 156 | 88 | 191 | 63 | 127 | ..... | 1,268 |
| 46 | Dr. B. W. Linscott, Brantford, Ont. | W.L.... | 125 | 218 | *168 | 153 | 187 | D 40 | 108 | D 77 | *125 | 181 | ..... | 1,382 |
| 47 | J. S. Greenshields, Toronto, Ont. | W.L.... | 167 | 201 | 188 | 134 | 126 | 141 | * 37 | 188 | * 82 | 141 | ..... | 1,405 |
| 48 | W. J. Richardson, Caledonia, Ont. | W.L.... | 124 | 202 | 177 | 171 | 128 | 163 | 122 | 169 | 175 | 170 | ..... | 1,601 |
| 49 | Exp. Farm, Ottawa, Ont. | W.L.... | 159 | 179 | 164 | 172 | 187 | 161 | 182 | 90 | 222 | 183 | ..... | 1,699 |
| 50 | Exp. Farm, Ottawa, Ont. | W.L.... | 165 | 128 | 141 | 133 | 149 | 200 | 129 | 158 | 100 | 140 | ..... | 1,443 |
| Total..... | | | | | | | | | | | | | | 72,578 |

* Production of more than one bird.
D Dead but not substituted.

CANADIAN EGG LAYING CONTEST.

The consumption of feeds, total cost, eggs laid, value, gain and cost per dozen for fifty-two weeks, 1920-1921

| Pen Number | Scratch grain | Meal mixture | Beef scrap | Green feed | Grit | Shell | Milk | Total cost | No. Eggs laid | Value | Loss | Gain | Cost per dozen |
|------------|---------------|--------------|------------|------------|----------|---------|--------|------------|---------------|----------|-------|----------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | cts. |
| 1..... | 486.0 | 247.5 | 21.75 | 440 | 27.5 | 36.5 | 590 | 26 51 | 1,489 | 67 49 | ..... | 40 98 | 21.6 |
| 2..... | 491.0 | 231.0 | 15.75 | 440 | 25.0 | 33.5 | 580 | 25 36 | 1,584 | 65 86 | ..... | 40 50 | 19.2 |
| 3..... | 506.0 | 235.25 | 21.5 | 449 | 30.25 | 31.25 | 620 | 26 59 | 1,115 | 45 33 | ..... | 18 74 | 28.9 |
| 4..... | 475.0 | 255.5 | 18.75 | 424 | 28.5 | 30.0 | 560 | 25 83 | 1,083 | 43 92 | ..... | 18 09 | 16.8 |
| 5..... | 497.0 | 270.5 | 16.25 | 431 | 25.25 | 30.5 | 590 | 26 93 | 1,438 | 58 35 | ..... | 31 42 | 22.8 |
| 6..... | 545.0 | 246.0 | 21.25 | 457 | 31.25 | 34.75 | 650 | 29 05 | 1,512 | 64 08 | ..... | 35 03 | 22.8 |
| 7..... | 533.0 | 224.75 | 15.5 | 458 | 25.5 | 25.5 | 660 | 26 63 | 1,342 | 54 70 | ..... | 28 07 | 24.0 |
| 8..... | 552.0 | 273.5 | 23.0 | 464 | 32.0 | 37.0 | 670 | 29 48 | 1,834 | 81 86 | ..... | 52 38 | 19.2 |
| 9..... | 537.0 | 293.5 | 26.25 | 456 | 25.0 | 28.25 | 630 | 29 09 | 1,829 | 82 22 | ..... | 53 13 | 24.0 |
| 10..... | 527.0 | 246.5 | 20.25 | 451 | 24.75 | 28.7 | 640 | 27 43 | 1,565 | 68 73 | ..... | 41 30 | 20.4 |
| 11..... | 532.5 | 248.0 | 17.0 | 462 | 23.75 | 29.0 | 660 | 27 84 | 1,439 | 59 25 | ..... | 31 41 | 22.8 |
| 12..... | 506.0 | 278.0 | 16.5 | 434 | 24.0 | 22.5 | 575 | 25 43 | 1,574 | 74 47 | ..... | 49 04 | 19.2 |
| 13..... | 530.0 | 210.0 | 16.0 | 443 | 21.75 | 27.0 | 610 | 25 91 | 1,564 | 67 82 | ..... | 41 91 | 19.2 |
| 14..... | 476.0 | 252.25 | 13.25 | 405 | 22.0 | 24.5 | 620 | 25 67 | 1,291 | 56 31 | ..... | 30 64 | 24.0 |
| 15..... | 434.0 | 209.75 | 11.75 | 366 | 21.0 | 17.5 | 660 | 23 43 | 918 | 44 37 | ..... | 20 94 | 30.0 |
| 16..... | 498.0 | 256.0 | 17.25 | 427 | 22.50 | 25.50 | 570 | 26 29 | 1,609 | 70 18 | ..... | 43 89 | 19.2 |
| 17..... | 489.0 | 239.5 | 14.75 | 427 | 23.25 | 21.25 | 580 | 25 03 | 1,628 | 75 84 | ..... | 50 81 | 18.0 |
| 18..... | 571.0 | 246.75 | 15.0 | 450 | 22.5 | 27.5 | 640 | 28 24 | 1,693 | 75 98 | ..... | 47 74 | 19.2 |
| 19..... | 526.0 | 268.5 | 11.25 | 488 | 28.75 | 22.0 | 700 | 27 28 | 1,255 | 55 92 | ..... | 28 64 | 26.4 |
| 20..... | 457.25 | 258.5 | 10.0 | 445 | 15.50 | 24.5 | 610 | 24 99 | 1,349 | 58 80 | ..... | 33 81 | 21.6 |
| 21..... | 523.5 | 264.5 | 12.25 | 490 | 17.50 | 28.75 | 700 | 28 67 | 1,142 | 48 07 | ..... | 19 40 | 30.0 |
| 22..... | 505.25 | 284.5 | 18.25 | 486 | 17.25 | 24.0 | 700 | 26 45 | 1,240 | 47 07 | ..... | 20 62 | 25.2 |
| 23..... | 484.0 | 248.75 | 13.5 | 460 | 21.25 | 23.75 | 650 | 25 98 | 1,087 | 45 07 | ..... | 19 09 | 28.8 |
| 24..... | 429.0 | 182.0 | 13.0 | 470 | 14.75 | 24.0 | 680 | 22 69 | 976 | 44 85 | ..... | 22 16 | 28.8 |
| 25..... | 514.25 | 268.25 | 17.75 | 480 | 25.0 | 30.5 | 690 | 26 99 | 1,598 | 76 10 | ..... | 49 11 | 20.4 |
| 26..... | 457.75 | 244.0 | 10.25 | 442 | 18.0 | 16.0 | 595 | 24 38 | 1,373 | 65 29 | ..... | 40 91 | 21.6 |
| 27..... | 469.75 | 211.25 | 8.75 | 447 | 19.0 | 20.5 | 620 | 23 88 | 1,255 | 58 00 | ..... | 34 12 | 22.8 |
| 28..... | 441.0 | 250.5 | 9.5 | 424 | 21.5 | 20.5 | 560 | 23 66 | 1,444 | 66 56 | ..... | 42 90 | 19.2 |
| 29..... | 504.75 | 251.25 | 16.0 | 447 | 14.0 | 17.5 | 630 | 25 62 | 1,038 | 49 47 | ..... | 23 85 | 28.0 |
| 30..... | 506.0 | 248.25 | 7.25 | 445 | 15.0 | 20.0 | 620 | 26 09 | 1,167 | 55 35 | ..... | 29 26 | 26.4 |
| 31..... | 438.5 | 191.5 | 13.0 | 431 | 17.0 | 22.25 | 600 | 22 54 | 1,647 | 76 96 | ..... | 54 42 | 16.8 |
| 32..... | 384.75 | 210.25 | 11.25 | 383 | 11.25 | 17.25 | 646 | 21 49 | 1,300 | 55 79 | ..... | 33 97 | 20.4 |
| 33..... | 430.75 | 225.0 | 18.55 | 448 | 24.25 | 24.25 | 645 | 24 08 | 1,566 | 65 32 | ..... | 41 24 | 18.0 |
| 34..... | 409.0 | 205.25 | 19.0 | 437 | 17.0 | 23.0 | 620 | 22 71 | 1,433 | 58 05 | ..... | 35 34 | 19.2 |
| 35..... | 479.0 | 248.0 | 18.25 | 444 | 23.5 | 33.0 | 655 | 26 01 | 2,014 | 91 94 | ..... | 65 92 | 14.4 |
| 36..... | 448.0 | 206.25 | 20.0 | 452 | 21.25 | 27.0 | 660 | 23 96 | 1,630 | 68 79 | ..... | 44 83 | 18.0 |
| 37..... | 419.25 | 262.75 | 20.25 | 415 | 23.25 | 26.75 | 580 | 24 50 | 1,669 | 68 55 | ..... | 44 05 | 18.0 |
| 38..... | 346.5 | 179.5 | 17.25 | 438 | 17.0 | 21.5 | 640 | 20 18 | 1,091 | 45 79 | ..... | 25 61 | 24.0 |
| 39..... | 421.0 | 224.25 | 17.75 | 440 | 21.0 | 29.75 | 670 | 24 01 | 1,654 | 74 24 | ..... | 50 23 | 16.8 |
| 40..... | 407.25 | 279.5 | 17.5 | 415 | 25.0 | 36.5 | 570 | 24 75 | 1,947 | 86 50 | ..... | 61 84 | 15.6 |
| 41..... | 379.5 | 195.75 | 18.5 | 422 | 26.25 | 28.75 | 610 | 21 63 | 1,418 | 58 94 | ..... | 37 41 | 18.0 |
| 42..... | 401.0 | 253.25 | 17.0 | 457 | 24.25 | 27.75 | 660 | 24 00 | 1,210 | 51 36 | ..... | 27 36 | 24.0 |
| 43..... | 375.75 | 267.75 | 17.5 | 411 | 23.0 | 25.0 | 560 | 23 01 | 1,515 | 60 30 | ..... | 37 29 | 18.0 |
| 44..... | 398.0 | 266.0 | 21.5 | 427 | 25.0 | 32.75 | 560 | 24 10 | 2,255 | 100 79 | ..... | 76 69 | 10.5 |
| 45..... | 372.0 | 200.75 | 18.5 | 411 | 23.25 | 30.5 | 480 | 21 65 | 1,268 | 51 40 | ..... | 29 75 | 20.4 |
| 46..... | 391.0 | 187.25 | 21.5 | 462 | 32.25 | 29.5 | 700 | 22 69 | 1,382 | 60 17 | ..... | 37 48 | 18.0 |
| 47..... | 398.75 | 213.75 | 19.5 | 437 | 25.5 | 25.75 | 640 | 22 81 | 1,405 | 57 32 | ..... | 34 51 | 19.2 |
| 48..... | 397.75 | 261.5 | 20.0 | 411 | 27.5 | 35.0 | 560 | 24 27 | 1,601 | 65 85 | ..... | 41 58 | 18.0 |
| 49..... | 381.5 | 196.5 | 20.0 | 411 | 24.0 | 27.75 | 560 | 21 48 | 1,699 | 74 77 | ..... | 53 29 | 15.6 |
| 50..... | 384.25 | 240.0 | 16.75 | 411 | 25.0 | 26.75 | 560 | 22 48 | 1,443 | 56 03 | ..... | 33 55 | 19.2 |
| Total..... | 23,067.5 | 11,954.75 | 833.05 | 21,971 | 1,139.30 | 1,333.5 | 31,036 | 1,241 41 | 72,578 | 3,156 17 | ..... | 1,906 40 | |
| Average.. | 461.3 | 239.09 | 16.6 | 439 | 22.7 | 26.6 | 620 | 24 82 | 1451.5 | 63 12 | ..... | 38 12 | 20.5 |

PRINCE EDWARD ISLAND EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1920-21.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|---------|----------|-----|-----|------|------|------|-----|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Percy Mutch, Mount Harbour, P.E.I. | W.L. | * 94 | 48 | 138 | *129 | 116 | 212 | 129 | 142 | 77 | 155 | 4 | 1,245 |
| 2 | J. B. Millman, Kensington, P.E.I. | B.R. | *162 | 149 | 263 | 171 | 118 | 191 | 140 | 189 | *143 | 123 | ..... | 1,649 |
| 3 | William Neale, Bear River, P.E.I. | W.L. | 142 | 151 | 195 | 77 | 179 | 126 | 177 | 183 | 142 | 88 | 5 | 1,465 |
| 4 | H. L. Machon, Murray River, P.E.I. | B.R. | 119 | 127 | 104 | 111 | 132 | 114 | 132 | 86 | 67 | 193 | 8 | 1,193 |
| 5 | Edwin Reid, Rollo Bay, P.E.I. | W.L. | D 62 | 99 | 146 | 179 | 193 | 148 | 125 | *109 | 72 | 179 | 4 | 1,316 |
| 6 | Mrs. R. G. McLaren, New Perth, P.E.I. | B.R. | 135 | 18 | 132 | *160 | D 16 | 127 | 158 | 138 | 172 | 127 | 4 | 1,187 |
| 7 | Mrs. R. W. Bullpitt, Cardigan, P.E.I. | W.L. | 155 | 173 | 149 | 164 | 136 | 83 | 153 | 68 | 81 | 92 | 4 | 1,258 |
| 8 | W. G. Darke, Brookfield, P.E.I. | B.R. | 85 | 76 | 65 | 72 | 110 | 131 | 93 | 165 | * 75 | 155 | 4 | 1,031 |
| 9 | J. J. Jen ins, Orwell Cove, P.E.I. | W.L. | 106 | 162 | 116 | 132 | 153 | *143 | 133 | 179 | 168 | 161 | 3 | 1,456 |
| 10 | Walter Buntain, S. Rustico, P.E.I. | B.R. | 128 | 70 | 101 | 109 | 104 | 83 | 91 | 120 | 73 | 70 | ..... | 955 |
| 11 | Mrs. J. J. McLellan, Grand River, P.E.I. | W.W. | 130 | 137 | 148 | 155 | 174 | 144 | 126 | 144 | 135 | 145 | 2 | 1,441 |
| 12 | J. E. Sinclair, Summerfield, P.E.I. | B.R. | 102 | 35 | 133 | 54 | 135 | 74 | 42 | 77 | 124 | 78 | 1 | 855 |
| 13 | C. McLellan, Arlington, P.E.I. | W.L. | 207 | 104 | 123 | 114 | 103 | 174 | 121 | 173 | * 85 | 52 | 1 | 1,267 |
| 14 | Jas. Cain, New Perth, P.E.I. | B.R. | 130 | 24 | 105 | 114 | 87 | 137 | 94 | 178 | 141 | 106 | 9 | 1,125 |
| 15 | H. S. Moase, Kensington, P.E.I. | W.L. | 124 | 93 | 108 | 96 | 133 | 68 | 102 | 136 | 99 | 140 | 5 | 1,104 |
| 16 | H. S. Moase, Kensington, P.E.I. | B.R. | * 65 | 124 | 50 | 50 | 1 | 27 | 26 | 144 | 56 | 30 | 3 | 585 |
| 17 | J. D. McLellan, Richmond, P.E.I. | W.W. | 159 | 117 | 124 | 120 | 178 | 118 | 52 | 94 | 115 | 150 | 4 | 1,191 |
| 18 | W. McKay, Stanley Bridge, P.E.I. | B.R. | 123 | 80 | 95 | 132 | 153 | 111 | 130 | 132 | 94 | 147 | 3 | 1,200 |
| 19 | F. W. E. Haslam, Bradalbane, P.E.I. | W.L. | 163 | 131 | 46 | 89 | 42 | 14 | 149 | 87 | 113 | 132 | 2 | 968 |
| 20 | Rev. M. Monaghan, Miscouche, P.E.I. | W.W. | 46 | 100 | 47 | 35 | 100 | 63 | 125 | 125 | 34 | 95 | 3 | 773 |
| 21 | Exp. Station, Charlottetown, P.E.I. | W.L. | *152 | 97 | 118 | 158 | 194 | 160 | 186 | 62 | 201 | 160 | 4 | 1,492 |
| 22 | Exp. Station, Charlottetown, P.E.I. | B.R. | 105 | 131 | 157 | *150 | 81 | 83 | 142 | 186 | 132 | *101 | 8 | 1,276 |
| 23 | Exp. Station, Charlottetown, P.E.I. | B.R. | 103 | 107 | 144 | 82 | 134 | 91 | 127 | 159 | 112 | 82 | 11 | 1,152 |
| 24 | Exp. Station, Charlottetown, P.E.I. | B.R. | *107 | 112 | 167 | 119 | 160 | 135 | 117 | 116 | 197 | 72 | 12 | 1,314 |
| 25 | Exp. Station, Charlottetown, P.E.I. | B.R. | 171 | 137 | 109 | 162 | 138 | 88 | 183 | 104 | 143 | 198 | 2 | 1,435 |
| Total..... |  |  | ..... |  |  |  |  |  |  |  |  |  |  | 29,933 |

* Production of more than one bird.
D Dead but not substituted.

PRINCE EDWARD ISLAND EGG LAYING CONTEST.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1920-21

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|-------|-------|-------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ | \$ | \$ c. | c. |
| 1..... | 458 | 250 | 11-0 | 93 | 382 | 28-0 | 26-0 | 26 77 | 1,245 | 38 48 | | 11 71 | 25 |
| 2..... | 514 | 321 | 12-0 | 125 | 400 | 28-0 | 25-0 | 31 77 | 1,649 | 50 09 | | 18 32 | 23 |
| 3..... | 429 | 236 | 10-0 | 97 | 352 | 28-0 | 25-0 | 25 85 | 1,465 | 44 27 | | 18 42 | 19 |
| 4..... | 530 | 321 | 16-0 | 125 | 380 | 28-0 | 26-0 | 32 82 | 1,193 | 37 63 | | 4 81 | 33 |
| 5..... | 468 | 261 | 10-5 | 84 | 332 | 29-0 | 27-0 | 26 93 | 1,316 | 41 09 | | 14 16 | 24 |
| 6..... | 480 | 289 | 12-0 | 175 | 400 | 28-0 | 26-0 | 29 85 | 1,187 | 37 41 | | 7 56 | 30 |
| 7..... | 430 | 275 | 14-5 | 97 | 332 | 30-0 | 25-0 | 27 04 | 1,258 | 37 23 | | 10 19 | 25 |
| 8..... | 480 | 311 | 11-0 | 165 | 396 | 28-0 | 28-0 | 30 63 | 1,031 | 25 94 | 4 69 | | 35 |
| 9..... | 482 | 243 | 12-0 | 95 | 332 | 29-0 | 26-0 | 27 97 | 1,456 | 44 54 | | 16 57 | 23 |
| 10..... | 448 | 267 | 16-0 | 117 | 376 | 28-0 | 25-5 | 27 53 | 955 | 25 20 | 2 33 | | 35 |
| 11..... | 509 | 291 | 15-0 | 125 | 360 | 28-0 | 28-0 | 30 83 | 1,441 | 44 16 | | 13 33 | 26 |
| 12..... | 419 | 271 | 16-0 | 117 | 376 | 28-0 | 24-0 | 27 48 | 855 | 22 82 | 4 66 | | 38 |
| 13..... | 443 | 236 | 12-0 | 95 | 332 | 28-0 | 29-0 | 25 76 | 1,267 | 33 10 | | 7 34 | 24 |
| 14..... | 484 | 319 | 15-0 | 127 | 380 | 28-0 | 25-0 | 31 42 | 1,125 | 33 10 | | 1 68 | 33 |
| 15..... | 432 | 269 | 14-0 | 91 | 372 | 27-0 | 27-0 | 28 10 | 1,104 | 30 25 | | 2 15 | 30 |
| 16..... | 411 | 201 | 20-0 | 125 | 336 | 26-0 | 26-0 | 24 90 | 585 | 16 77 | 8 13 | | 51 |
| 17..... | 434 | 273 | 10-5 | 113 | 376 | 25-5 | 27-0 | 27 26 | 1,191 | 30 43 | | 3 17 | 27 |
| 18..... | 488 | 259 | 8-0 | 125 | 396 | 29-0 | 27-0 | 29 07 | 1,200 | 33 01 | | 3 94 | 29 |
| 19..... | 439 | 287 | 17-5 | 103 | 332 | 28-0 | 28-0 | 28 58 | 968 | 26 25 | 2 33 | | 35 |
| 20..... | 416 | 184 | 14-0 | 116 | 256 | 28-0 | 29-0 | 23 87 | 773 | 22 29 | 1 58 | | 36 |
| 21..... | 422 | 244 | 15-5 | 105 | 360 | 28-0 | 27-0 | 25 75 | 1,492 | 45 45 | | 19 70 | 20 |
| 22..... | 464 | 268 | 10-0 | 117 | 388 | 27-5 | 24-5 | 27 65 | 1,276 | 36 74 | | 9 09 | 25 |
| 23..... | 472 | 276 | 14-0 | 127 | 320 | 27-0 | 25-0 | 28 56 | 1,152 | 33 34 | | 4 78 | 29 |
| 24..... | 474 | 277 | 14-0 | 127 | 320 | 27-0 | 25-0 | 28 56 | 1,314 | 36 24 | | 7 59 | 26 |
| 25..... | 523 | 197 | 13-0 | 125 | 380 | 28-0 | 27-0 | 27 03 | 1,435 | 46 18 | | 19 15 | 24 |
| Total..... | 11,549 | 6,626 | 405-5 | 2,911 | 8,966 | 697-0 | 658-0 | 702-07 | 29,933 | 872 01 | 23 72 | 193 66 | ..... |
| Average..... | 462 | 265 | 16-2 | 116-4 | 358-5 | 27-8 | 26-3 | 28-00 | 1,197-3 | 34 88 | | 6 88 | 28 |

NOVA SCOTIA EGG LAYING CONTEST.

LIST OF ENTRANTS

With individual and total production 1920-21

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|----------------------------------|-----------|----------|-------|-------|------|------|------|-------|-------|-------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | R. B. H. Davidson, Amherst, N.S. | W.R.... | D | * 31 | 124 | D 4 | D | D 46 | D 5 | D 98 | D 91 | 124 | 12 | 535 |
| 2 | G. Harrison, Nappan, N.S. | B.R.... | | 85 | 81 | 101 | 132 | 117 | 113 | 124 | D 65 | 87 | 35 | 1,014 |
| 3 | Exp. Farm, Kentville, N.S. | B.R.... | | * 64 | 192 | 116 | 170 | 111 | 179 | 180 | 173 | 200 | * 64 | 42 |
| 4 | Exp. Farm, Kentville, N.S. | S.W.W. | | 88 | D 35 | 139 | D 83 | 119 | 133 | 46 | 87 | * 3 | 78 | 839 |
| 5 | C. B. McMullen, Truro, N.S. | R.I.R.... | | 153 | D 153 | 102 | 139 | 114 | 168 | 144 | 119 | 167 | 96 | 24 |
| 6 | J. R. McMullen, Truro, N.S. | B.R.... | | 212 | 193 | 128 | 155 | 163 | * 114 | 158 | 182 | 121 | 179 | 20 |
| 7 | F. W. Black, Amherst, N.S. | B.R.... | | 182 | 129 | 183 | 127 | 150 | 186 | 113 | 130 | 104 | 166 | 39 |
| 8 | T. Hooper, Truro, N.S. | W.W.... | | 120 | 62 | 107 | 138 | 56 | 100 | 106 | 182 | 205 | 92 | 29 |
| 9 | C. B. Chapman, Amherst, N.S. | B.R.... | | 172 | 157 | 153 | 155 | 245 | 214 | 140 | * 133 | 138 | 155 | 20 |
| 10 | David Bacon, Nappan, N.S. | R.I.R.... | | 121 | 140 | 104 | 152 | 112 | 150 | 118 | 91 | 122 | 82 | 38 |
| 11 | W. McKinnon, Truro, N.S. | B.R.... | | * 150 | 52 | 119 | 117 | 121 | 159 | 129 | * 239 | 75 | * 138 | 33 |
| 12 | D. Bacon, Nappan, N.S. | B.R.... | | 71 | 120 | 124 | 89 | * 79 | D 85 | 110 | 135 | 165 | 102 | 32 |
| 13 | F. Cochran, Amherst, N.S. | B.R. D. | | 33 | 167 | * 46 | 134 | 125 | * 136 | D 90 | 195 | 164 | 141 | 44 |
| 14 | F. Cochran, Amherst, N.S. | W.L.... | | 159 | 83 | 180 | 153 | 127 | 108 | 142 | 99 | 132 | 131 | 8 |
| 15 | C. B. Chapman, Amherst, N.S. | W.L.... | D 21 | D 20 | D 7 | 109 | D 53 | 142 | 168 | D 42 | 76 | D 12 | 34 | 684 |
| 16 | G. Ripley, Nappan, N.S. | B.R.... | 114 | 123 | 91 | 126 | 114 | 165 | 120 | 163 | 106 | 159 | 21 | 1,302 |
| 17 | Perry & Sim, Biltown, N.S. | B.L.... | 139 | * 71 | 178 | 166 | 137 | 104 | 130 | 165 | 149 | 178 | 14 | 1,431 |
| 18 | V. G. Fuller, Amherst, N.S. | W.L.... | 143 | 75 | 61 | 182 | 94 | 103 | 88 | * 120 | 126 | 117 | 68 | 1,177 |
| 19 | A. Clegg, Amherst, N.S. | B.R.... | 196 | 119 | 195 | 43 | 137 | 125 | 123 | 164 | 155 | 171 | 18 | 1,446 |
| 20 | W. Forsyth, Amherst, N.S. | B.R.... | 133 | D 114 | * 56 | 77 | 70 | 135 | 182 | * 163 | 167 | 187 | 55 | 1,339 |
| 21 | Exp. Farm, Nappan, N.S. | B.R.... | D 142 | 182 | 238 | 168 | 85 | 64 | 67 | 171 | 152 | 96 | 66 | 1,431 |
| 22 | Exp. Farm, Nappan, N.S. | B.R.... | 210 | 193 | * 157 | 186 | 213 | 175 | 185 | 192 | 169 | 61 | 17 | 1,758 |
| Total..... | | | | | | | | | | | | | | 28,110 |

*Production of more than one bird.

D—Dead but not substituted.

NOVA SCOTIA EGG LAYING CONTEST, NAPPAN.

TABLE SHOWING PRODUCTION COSTS
Feed with cost, eggs and value, gain and cost per dozen in 1920-21

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|------|-------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | c. |
| 1..... | 442 | 116 | 33 | 170 | 17 | 12 | 22 23 | 535 | 16 23 | 6 00 | ..... | 49 |
| 2..... | 563 | 247 | 52 | 170 | 26 | 15 | 31 32 | 1,014 | 30 24 | 1 08 | ..... | 36 |
| 3..... | 599 | 244 | 65 | 170 | 22 | 20 | 33 19 | 1,491 | 53 61 | ..... | 20 42 | 26 |
| 4..... | 577 | 165 | 25 | 170 | 22 | 19 | 26 60 | 839 | 31 57 | ..... | 4 97 | 38 |
| 5..... | 606 | 232 | 25 | 170 | 17 | 19 | 30 21 | 1,379 | 48 31 | ..... | 18 10 | 25 |
| 6..... | 612 | 272 | 60 | 170 | 36 | 27 | 35 12 | 1,625 | 55 97 | ..... | 20 85 | 25 |
| 7..... | 621 | 215 | 59 | 170 | 19 | 26 | 33 00 | 1,509 | 51 63 | ..... | 18 63 | 26 |
| 8..... | 578 | 203 | 23 | 170 | 16 | 19 | 27 91 | 1,197 | 40 23 | ..... | 12 32 | 28 |
| 9..... | 614 | 297 | 46 | 170 | 33 | 25 | 34 91 | 1,682 | 56 18 | ..... | 21 27 | 24 |
| 10..... | 601 | 224 | 37 | 170 | 20 | 21 | 30 57 | 1,230 | 36 83 | ..... | 6 26 | 29 |
| 11..... | 607 | 250 | 40 | 170 | 18 | 20 | 31 72 | 1,332 | 47 13 | ..... | 15 41 | 28 |
| 12..... | 564 | 222 | 63 | 170 | 18 | 21 | 31 18 | 1,112 | 35 71 | ..... | 4 53 | 33 |
| 13..... | 550 | 208 | 27 | 170 | 17 | 22 | 28 00 | 1,275 | 49 04 | ..... | 21 04 | 26 |
| 14..... | 487 | 247 | 23 | 170 | 17 | 20 | 26 36 | 1,322 | 43 47 | ..... | 17 11 | 23 |
| 15..... | 398 | 154 | 27 | 170 | 18 | 15 | 21 32 | 684 | 24 58 | ..... | 3 26 | 37 |
| 16..... | 605 | 256 | 28 | 170 | 20 | 17 | 30 97 | 1,302 | 41 81 | ..... | 10 84 | 28 |
| 17..... | 504 | 200 | 27 | 170 | 22 | 16 | 25 75 | 1,431 | 47 44 | ..... | 21 69 | 20 |
| 18..... | 498 | 211 | 25 | 170 | 19 | 17 | 25 61 | 1,177 | 40 66 | ..... | 15 05 | 25 |
| 19..... | 643 | 312 | 73 | 170 | 25 | 22 | 37 54 | 1,446 | 48 23 | ..... | 10 69 | 30 |
| 20..... | 595 | 281 | 39 | 170 | 13 | 24 | 32 47 | 1,339 | 50 05 | ..... | 17 58 | 29 |
| 21..... | 622 | 300 | 41 | 170 | 16 | 24 | 34 19 | 1,431 | 53 33 | ..... | 19 14 | 28 |
| 22..... | 632 | 263 | 40 | 170 | 24 | 29 | 35 52 | 1,758 | 66 88 | ..... | 33 36 | 22 |
| Total..... | 16,489 | 5,119 | 878 | 3,740 | 455 | 450 | 665 69 | 28,110 | 960 13 | 7 08 | 312 52 | ..... |
| Average..... | 749.5 | 232.7 | 39.9 | 170 | 20.7 | 24.5 | 30.26 | 1277.7 | 44.05 | ..... | 13.79 | 28 |

NEW BRUNSWICK EGG LAYING CONTEST.

LIST OF ENTRANTS
With individual and total production 1920-21

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--------------------------------------|---------|----------|-----|------|------|------|-----|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | D. Mersereau, Russiagornish, N.B. | B.R.... | * 89 | 163 | 142 | 228 | 206 | 193 | 151 | 168 | 178 | 175 | 7 | 1,700 |
| 2 | Invicta Farm, Oromocto, N.B. | B.R.... | 188 | 135 | *206 | 196 | 183 | 177 | D102 | 180 | 209 | 161 | 19 | 1,756 |
| 3 | Elmsville P. Club, Elmsville, N.B. | B.R.... | 183 | 62 | 167 | 168 | 160 | 222 | 226 | * 51 | 149 | 180 | 5 | 1,573 |
| 4 | W. E. B. Tait, Dorchester, N.B. | B.R.... | 219 | 232 | 189 | 160 | 192 | 158 | 183 | 212 | 157 | *156 | 6 | 1,864 |
| 5 | Invicta Farm, Oromocto, N.B. | B.R.... | 130 | 146 | 105 | 90 | 181 | 170 | 220 | 226 | 216 | 37 | 5 | 1,526 |
| 6 | H. McEwen, Chatham, N.B. | B.R.... | 160 | 148 | 118 | 142 | 160 | 197 | 165 | 175 | 170 | 160 | 7 | 1,602 |
| 7 | Allen & Ferguson, Fredericton, N.B. | B.R.... | 210 | 110 | 175 | 199 | 92 | 131 | 139 | 132 | 244 | 124 | 8 | 1,564 |
| 8 | G. E. Wilson, Centreville, N.B. | B.R.... | 140 | 186 | 160 | 157 | 162 | 153 | 228 | 181 | 209 | 128 | 2 | 1,706 |
| 9 | N. W. Eveleigh, Sussex, N.B. | B.R.... | 164 | 200 | 166 | 167 | 162 | 186 | 190 | 198 | *173 | 206 | 4 | 1,816 |
| 10 | M. G. Robichaud, Bretagneville, N.B. | B.R.... | 139 | 133 | 117 | 96 | 139 | 161 | 86 | 128 | 82 | 94 | 8 | 1,183 |
| 11 | M. A. Reid, Rollingdam, N.B. | B.R.... | 108 | 88 | * 79 | 103 | 141 | 84 | 23 | * 82 | 118 | 134 | 8 | 968 |
| 12 | A. L. Lever, Leveville, N.B. | B.R.... | 178 | 164 | 172 | 157 | 82 | 179 | 167 | * 97 | 141 | 150 | 12 | 1,499 |
| 13 | C. M. Peart, Havelock, N.B. | B.R.... | 249 | 134 | D116 | 142 | * 42 | 136 | 93 | * 75 | *139 | 176 | 13 | 1,315 |
| 14 | A. T. Reid, Rollingdam, N.B. | B.R.... | 229 | 153 | *179 | 191 | 180 | 154 | 116 | 208 | 50 | 214 | 11 | 1,685 |
| 15 | Geo. Danby, North Devon, N.B. | W.W.... | 247 | 187 | 253 | 132 | 158 | 97 | D 66 | 183 | *174 | 134 | 7 | 1,638 |
| 16 | H. Williston, Newcastle, N.B. | W.W.... | 143 | 110 | 196 | 157 | 79 | 177 | 164 | *134 | 147 | 171 | 3 | 1,481 |
| 17 | Vye A. Gibson, Moncton, N.B. | B.O.... | 85 | 153 | 176 | *107 | 113 | 124 | 28 | 137 | 70 | 139 | 9 | 1,141 |
| 18 | G. E. Wilson, Centreville, N.B. | W.R.... | 96 | 136 | 71 | 176 | 105 | 144 | 133 | 68 | 127 | 168 | 3 | 1,227 |
| 19 | R. A. Snowball, Chatham, N.B. | W.L.... | 177 | 124 | 138 | 164 | 128 | 77 | 100 | 170 | 111 | 183 | 10 | 1,382 |
| 20 | Exp. Station, Fredericton, N.B. | B.R.... | 228 | 149 | 212 | 129 | 169 | 149 | 164 | 214 | * 97 | 229 | 6 | 1,746 |
| 21 | Exp. Station, Fredericton, N.B. | W.W.... | *176 | 177 | 173 | D128 | D162 | 134 | 102 | 170 | 122 | *217 | 15 | 1,576 |
| Total..... | | | | | | | | | | | | | | 31,948 |

*—Production of more than one bird.
D—Dead but not substituted.

NEW BRUNSWICK EGG LAYING CONTEST, FREDERICTON.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1920-21.

| Pen Number | Scratch grain | Meal mixture | Beef scrap | Green feed | Grit | Shell | Charcoal | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|-------|-------|----------|------------|-----------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | cts. |
| 1..... | 733 | 398 | 16 | 153 | 15-0 | 36-0 | 1-0 | 36 21 | 1,700 | 69-70 | ..... | 33 49 | 25 |
| 2..... | 735 | 480 | 16 | 153 | 15-0 | 40-5 | 1-0 | 39 03 | 1,756 | 73 84 | ..... | 34 81 | 26 |
| 3..... | 700 | 315 | 16 | 153 | 14-0 | 39-5 | 1-0 | 32 41 | 1,573 | 60 89 | ..... | 28 48 | 24 |
| 4..... | 741 | 381 | 16 | 153 | 15-0 | 40-5 | 0-5 | 35 83 | 1,864 | 69 65 | ..... | 33 82 | 23 |
| 5..... | 743 | 356 | 15 | 153 | 15-0 | 38-5 | 0-5 | 33 74 | 1,526 | 62 96 | ..... | 29 22 | 26 |
| 6..... | 740 | 401 | 18 | 153 | 14-0 | 38-5 | 1-0 | 36 67 | 1,602 | 59 53 | ..... | 22 86 | 26 |
| 7..... | 775 | 381 | 15 | 153 | 15-0 | 41-5 | 1-0 | 35 88 | 1,564 | 60 31 | ..... | 24 43 | 27 |
| 8..... | 738 | 395 | 15 | 153 | 15-0 | 41-5 | 1-0 | 36 02 | 1,706 | 69 64 | ..... | 33 82 | 25 |
| 9..... | 756 | 371 | 15 | 153 | 15-0 | 39-5 | 1-0 | 35 78 | 1,816 | 72 11 | ..... | 36 33 | 23 |
| 10..... | 731 | 418 | 15 | 153 | 15-0 | 41-5 | 1-0 | 36 91 | 1,183 | 46 80 | ..... | 9 89 | 37 |
| 11..... | 701 | 393 | 17 | 153 | 15-0 | 41-0 | 1-0 | 35 50 | 968 | 38 69 | ..... | 3 19 | 44 |
| 12..... | 731 | 376 | 17 | 153 | 15-0 | 41-5 | 1-0 | 35 61 | 1,499 | 57 91 | ..... | 22 30 | 28 |
| 13..... | 701 | 461 | 17 | 153 | 12-0 | 40-5 | 1-0 | 34 20 | 1,315 | 52 63 | ..... | 18 43 | 31 |
| 14..... | 728 | 413 | 15 | 153 | 15-0 | 42-5 | 1-0 | 36 88 | 1,685 | 69 37 | ..... | 32 49 | 25 |
| 15..... | 711 | 271 | 10 | 153 | 13-0 | 38-5 | 1-0 | 30 89 | 1,638 | 66 35 | ..... | 35 46 | 22 |
| 16..... | 691 | 321 | 13 | 153 | 14-0 | 40-5 | 1-0 | 32 32 | 1,481 | 58 89 | ..... | 26 57 | 26 |
| 17..... | 677 | 416 | 14 | 153 | 10-0 | 38-5 | 1-0 | 35 00 | 1,141 | 44 60 | ..... | 9 60 | 36 |
| 18..... | 732 | 426 | 19 | 153 | 13-5 | 37-0 | 1-0 | 37 03 | 1,227 | 42 17 | ..... | 5 14 | 36 |
| 19..... | 559 | 356 | 12 | 153 | 11-0 | 31-5 | 1-0 | 29 73 | 1,382 | 57 20 | ..... | 27 47 | 25 |
| 20..... | 736 | 300 | 13 | 153 | 13-5 | 39-0 | 1-0 | 32 15 | 1,746 | 71 44 | ..... | 39 29 | 22 |
| 21..... | 695 | 244 | 15 | 153 | 16-5 | 36-0 | 1-0 | 29 90 | 1,576 | 67 80 | ..... | 37 90 | 22 |
| Total..... | 15,054 | 7,873 | 319 | 3,213 | 296-5 | 824-0 | 20-0 | 727 69 | 31,948 | 1,272 48 | ..... | 544 79 | |
| Average..... | 717 | 375 | 15-2 | 153 | 14-1 | 39-2 | 0-9 | 34 65 | 1521-3 | 60 59 | ..... | 25 94 | 27 |

QUEBEC EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1920-21.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---|-----------|----------|------|------|------|-----|------|------|-----|-----|-----|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Sta. Expérimentale, Cap Rouge, Qué. | B.R.... | 121 | *93 | 142 | 134 | 108 | 128 | 115 | 160 | 135 | 140 | 8 | 1,284 |
| 2 | André Bouchard, St-Philippe de Néri, Que. | R.I.R.... | 153 | *138 | *117 | *135 | 102 | *106 | 160 | 122 | 93 | 105 | 6 | 1,237 |
| 3 | George Bouchard, Ste-Anne de la Pocatière, Que. | R.I.R.... | 86 | 128 | 138 | 99 | 165 | 111 | 166 | 132 | 87 | 127 | 1 | 1,240 |
| 4 | Sta. Expérimentale, Cap Rouge, Qué. | B.R.... | 117 | 135 | 137 | 112 | 113 | 121 | 119 | 43 | *90 | 110 | 4 | 1,101 |
| 5 | Ecole d'Agri., Ste-Anne de la Pocatière, Qué. | R.I.R.... | D73 | 73 | 127 | 116 | 106 | 145 | 95 | 91 | 86 | 79 | 4 | 995 |
| 6 | M. l'abbé Galarneau, Charlesbourg, Qué. | R.I.R.... | 150 | 85 | 78 | 49 | 84 | 90 | 77 | 24 | *92 | 99 | 5 | 833 |
| 7 | Jos. W. Gauvin, Champigny, Qué. | R.I.R.... | 80 | 68 | 75 | 99 | 95 | 121 | 51 | 85 | 132 | 64 | ..... | 870 |
| 8 | Sta. Expérimentale, Cap Rouge, Qué. | B.R.... | 99 | 116 | 88 | 113 | 106 | 87 | * 89 | 134 | 77 | 102 | 4 | 1,015 |
| 9 | Louis Lessard, St-Jos. de Beauce, Qué. | R.I.R.... | 91 | 157 | 63 | 79 | 91 | 118 | 29 | 83 | 42 | 124 | 3 | 880 |
| 10 | A. Ouellette, N.D. de Pierreville, Qué. | R.I.R.... | 82 | 133 | 156 | 24 | 109 | 96 | * 81 | 60 | 134 | 114 | 21 | 1,010 |
| 11 | Station Avicole, Princeville, Qué. | R.I.R.... | 53 | 40 | 84 | *122 | 78 | 60 | 108 | 63 | D83 | 68 | 5 | 764 |
| 12 | M. l'abbé L. P. Cote, St-Alexis de Mat., Qué. | B.R.... | 82 | 90 | 65 | 89 | 21 | 80 | 86 | 85 | 45 | 51 | 1 | 695 |
| 13 | Ecole de Agri., Ste-Anne de la Pocatière, Qué. | B.R.... | 88 | 74 | 130 | 102 | 96 | 53 | 51 | 112 | 84 | 103 | 1 | 894 |
| 14 | G. F. Fournier, Montmagny, Qué. | B.R.... | 162 | 206 | 150 | 102 | 85 | 171 | 128 | 138 | 152 | 129 | 6 | 1,429 |
| 15 | Mlle M. Laferrière, New Carlisle, Qué. | B.R.... | 89 | 79 | 26 | 139 | 129 | 6 | D10 | 72 | 98 | 41 | 9 | 698 |
| 16 | Sta. Avicole, Princeville, Qué. | B.R.... | 160 | 74 | 48 | 2 | 68 | 83 | D13 | 48 | 144 | 84 | 11 | 735 |
| 17 | Sta. Expérimentale, Cap Rouge, Qué. | B.R.... | 111 | 146 | 104 | 120 | 140 | 114 | 144 | 83 | 170 | 99 | ..... | 1,231 |
| 18 | A. Gaboury, Cap Rouge, Qué. | B.R.... | 121 | 91 | 89 | 55 | 36 | 62 | 21 | 139 | 138 | 132 | ..... | 884 |
| 19 | Sta. Expérimentale, Cap Rouge, Qué. | B.R.... | 103 | 118 | 133 | 173 | 95 | 98 | 137 | 141 | 156 | 170 | 1 | 1,325 |
| 20 | Sta. Expérimentale, Cap Rouge, Qué. | B.R.... | 117 | 111 | 161 | 132 | 136 | 107 | 119 | 152 | 135 | 112 | 1 | 1,283 |
| Total..... | | | | | | | | | | | | | | 20,431 |

* Production of more than one bird.
D Dead but not substituted.

QUEBEC EGG LAYING CONTEST, CAP ROUGE.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1920-21.

| Pen Number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Shell | Char-coal | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|-------|-------|-----------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | cts. |
| 1..... | 641 | 107.5 | 11.0 | 21 | 162 | 15.0 | 8.25 | 28 83 | 1,284 | 55 47 | | 26 64 | 26 |
| 2..... | 615 | 98.0 | 20.5 | 21 | 162 | 18.5 | 11.75 | 28 51 | 1,237 | 54 73 | | 26 22 | 27 |
| 3..... | 645 | 105.5 | 24.5 | 21 | 162 | 21.75 | 15.5 | 30 56 | 1,240 | 57 82 | | 27 26 | 29 |
| 4..... | 645 | 98.0 | 14.0 | 21 | 142 | 27.0 | 16.0 | 29 16 | 1,101 | 45 03 | | 15 87 | 31 |
| 5..... | 640 | 95.0 | 12.5 | 21 | 162 | 19.75 | 14.25 | 28 44 | 995 | 47 22 | | 18 78 | 33 |
| 6..... | 637 | 122.0 | 15.75 | 21 | 162 | 16.25 | 17.0 | 29 52 | 833 | 36 94 | | 7 42 | 42 |
| 7..... | 639 | 91.0 | 21.0 | 21 | 162 | 24.5 | 7.0 | 28 48 | 870 | 38 46 | | 9 98 | 38 |
| 8..... | 631 | 65.0 | 19.5 | 21 | 162 | 15.75 | 8.0 | 27 19 | 1,015 | 42 73 | | 15 54 | 31 |
| 9..... | 660 | 99.0 | 23.75 | 21 | 162 | 16.0 | 16.25 | 29 92 | 880 | 37 78 | | 7 86 | 40 |
| 10..... | 663 | 120.0 | 19.25 | 21 | 162 | 24.0 | 14.75 | 30 59 | 1,010 | 48 40 | | 17 81 | 36 |
| 11..... | 633 | 84.0 | 12.75 | 21 | 162 | 16.25 | 8.25 | 27 64 | 764 | 33 14 | | 5 50 | 43 |
| 12..... | 618 | 72.5 | 12.75 | 21 | 162 | 15.5 | 13.5 | 26 85 | 695 | 27 74 | | 0 89 | 46 |
| 13..... | 654 | 99.0 | 14.5 | 21 | 162 | 22.25 | 13.0 | 29 21 | 894 | 37 36 | | 8 15 | 38 |
| 14..... | 680 | 116.0 | 17.5 | 21 | 162 | 25.75 | 19.75 | 31 21 | 1,429 | 65 46 | | 34 25 | 25 |
| 15..... | 690 | 112.75 | 20.0 | 21 | 162 | 17.5 | 19.25 | 31 70 | 698 | 28 28 | | 3 42 | 54 |
| 16..... | 636 | 94.0 | 11.75 | 19 | 162 | 15.5 | 15.5 | 28 52 | 735 | 31 90 | | 3 38 | 46 |
| 17..... | 631 | 77.0 | 17.75 | 21 | 162 | 28.0 | 11.25 | 28 21 | 1,231 | 51 62 | | 23 41 | 27 |
| 18..... | 646 | 81.0 | 18.5 | 21 | 162 | 25.5 | 15.25 | 28 71 | 884 | 37 13 | | 8 42 | 38 |
| 19..... | 640 | 58.0 | 19.25 | 21 | 162 | 23.25 | 7.0 | 27 36 | 1,325 | 57 02 | | 29 66 | 24 |
| 20..... | 635 | 92.0 | 15.0 | 21 | 150 | 20.5 | 8.5 | 28 10 | 1,283 | 53 38 | | 25 28 | 26 |
| Total..... | 12,879 | 1,887.25 | 341.5 | 420 | 3,208 | 408.5 | 260.5 | 578 71 | 20,403 | 887 61 | | 315 74 | |
| Average..... | 644 | 94.0 | 17.0 | 21 | 160.5 | 20.5 | 13.0 | 28 93 | 1020.1 | 44 38 | | 15 79 | 34 |

ONTARIO EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1920-21.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|-------------------------------------|-----------|----------|------|------|------|------|------|------|-------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. R. Stork, St. Catharines, Ont. | B.R.... | 197 | * 58 | 164 | 159 | 134 | 155 | 177 | 108 | 188 | 206 | 9 | 1,555 |
| 2 | Neff Bros., Simcoe, Ont. | B.R.... | 168 | 213 | 213 | 181 | 132 | 205 | 158 | 122 | 145 | 157 | 23 | 1,717 |
| 3 | F. C. Stille, Ottawa, Ont. | B.R.... | *167 | 137 | 208 | 250 | *133 | 252 | 110 | 174 | 200 | 186 | 12 | 1,829 |
| 4 | G. Popplewell, Maberly, Ont. | B.R.... | 140 | 201 | 158 | 224 | 217 | 162 | 198 | *169 | 190 | 173 | 16 | 1,848 |
| 5 | G. E. Hall, Trafalgar, Ont. | B.R.... | 177 | 195 | 98 | 167 | 114 | *183 | *184 | * 66 | 157 | *191 | 10 | 1,542 |
| 6 | Nor. Spec. Farm, St. Williams, Ont. | B.R.... | *167 | *122 | 181 | 114 | 145 | *136 | 83 | 154 | * 59 | 158 | 28 | 1,347 |
| 7 | Ross Trivett, Newmarket, Ont. | B.R.... | *114 | D 19 | 117 | 143 | 95 | 91 | 142 | * 181 | 145 | 141 | 27 | 1,215 |
| 8 | Ottawa East P. Yards, Ottawa, Ont. | Col.W.... | 106 | 131 | 96 | 78 | 97 | 105 | D133 | 163 | 78 | 143 | 21 | 1,151 |
| 9 | E. L. Ruddy, Pickering, Ont. | W.W.... | 150 | 167 | *114 | 173 | *128 | 109 | D158 | 99 | 170 | 157 | 28 | 1,453 |
| 10 | Ross Trivett, Newmarket, Ont. | W.W.... | 69 | * 47 | * 82 | D 90 | 138 | 161 | * 46 | D 63 | 55 | 49 | 31 | 831 |
| 11 | N. H. Gamp, New Hamburg, Ont. | Anc..... | 179 | 205 | 214 | 191 | 156 | *146 | 145 | 212 | 207 | 174 | 11 | 1,840 |
| 12 | A. R. Miller, Eganville, Ont. | Anc..... | 108 | 119 | * 47 | 122 | 62 | 122 | 126 | 103 | 112 | 9 | 29 | 959 |
| 13 | H. Montgomery, Avonmore, Ont. | R.C.... | 161 | 143 | 132 | 105 | 99 | 103 | 124 | 153 | 141 | 173 | 30 | 1,364 |
| 14 | C. E. Smith, Scotland, Ont. | S.C.... | 127 | D134 | * 98 | 121 | 149 | D 5 | 51 | ..... | 168 | *113 | 19 | 985 |
| 15 | A. Neal & Son, Stratford, Ont. | W.L.... | 228 | 158 | 169 | 199 | 169 | 175 | 174 | 122 | 169 | 189 | 21 | 1,773 |
| 16 | Nor. Spec. Farm, St. Williams, Ont. | W.L.... | 155 | 175 | 186 | 122 | 154 | 186 | 156 | 111 | 163 | 215 | 22 | 1,645 |
| 17 | G. E. Hall, Trafalgar, Ont. | W.L.... | 148 | 147 | 142 | 209 | 170 | 129 | 190 | 129 | 154 | *162 | 27 | 1,607 |
| 18 | C. E. Smith, Scotland, Ont. | W.L.... | 151 | 107 | 148 | 154 | 187 | 150 | 148 | 109 | 170 | 183 | 26 | 1,533 |
| 19 | W. J. Richardson, Caledonia, Ont. | W.L.... | 194 | 132 | 189 | 148 | 152 | 146 | 188 | 139 | 162 | 109 | 7 | 1,566 |
| 20 | Alex. McLean, Gananoque, Ont. | W.L.... | *196 | 214 | 167 | 191 | 181 | 158 | 170 | 189 | 195 | 159 | 7 | 1,827 |
| 21 | Dr. I. H. Ante, Richmond Hill, Ont. | W.L.... | 188 | 193 | 181 | 134 | 139 | 134 | 127 | 221 | 191 | 120 | 28 | 1,656 |
| 22 | Ottawa East P. Yards, Ottawa, Ont. | W.L.... | 116 | *131 | 128 | *127 | 153 | 180 | 145 | 172 | 121 | *111 | 20 | 1,404 |
| 23 | Exp. Farm, Ottawa, Ont. | W.L.... | 172 | 162 | *174 | 123 | 133 | 124 | 42 | 215 | 159 | * 74 | 32 | 1,410 |
| 24 | Exp. Farm, Ottawa, Ont. | B.R.... | * 99 | 115 | 190 | * 74 | 169 | 204 | 125 | 121 | 132 | 161 | 32 | 1,422 |
| Total..... | | | | | | | | | | | | | | 35,477 |

* Production of more than one bird.

D Dead but not substituted.

ONTARIO EGG LAYING CONTEST, OTTAWA.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1920-21

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Total cost | laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|--------|-------|--------|------------|---------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | c. |
| 1..... | 564.5 | 271.0 | 15.0 | 502 | 700 | 40.5 | 40.5 | 29 60 | 1,555 | 71 78 | ..... | 42 18 | 22 |
| 2..... | 533.5 | 264.0 | 16.5 | 502 | 700 | 35.75 | 34.25 | 28 36 | 1,717 | 79 25 | ..... | 50 89 | 19 |
| 3..... | 533.6 | 255.0 | 20.0 | 502 | 700 | 36.5 | 35.50 | 28 50 | 1,829 | 82 96 | ..... | 54 46 | 18 |
| 4..... | 522.5 | 254.0 | 15.75 | 502 | 700 | 32.5 | 23.0 | 27 50 | 1,848 | 80 99 | ..... | 53 49 | 17 |
| 5..... | 533.5 | 252.5 | 12.75 | 502 | 700 | 37.5 | 27.5 | 27 87 | 1,542 | 70 72 | ..... | 42 85 | 21 |
| 6..... | 512.5 | 207.5 | 12.0 | 446 | 700 | 28.5 | 30.25 | 25 96 | 1,345 | 59 69 | ..... | 33 73 | 23 |
| 7..... | 471.5 | 185.25 | 15.25 | 436 | 700 | 27.75 | 26.25 | 24 32 | 1,215 | 53 64 | ..... | 29 32 | 24 |
| 8..... | 509.5 | 260.0 | 14.25 | 502 | 700 | 23.0 | 22.0 | 27 23 | 1,151 | 47 55 | ..... | 20 32 | 28 |
| 9..... | 518.5 | 223.75 | 8.5 | 502 | 700 | 29.0 | 18.5 | 26 25 | 1,453 | 69 77 | ..... | 43 52 | 21 |
| 10..... | 416.5 | 178.5 | 6.0 | 416 | 700 | 17.25 | 20.0 | 21 83 | 831 | 38 73 | ..... | 16 90 | 31 |
| 11..... | 433.0 | 229.0 | 11.0 | 488 | 700 | 21.0 | 25.5 | 24 41 | 1,840 | 83 31 | ..... | 58 90 | 15 |
| 12..... | 410.0 | 164.25 | 14.0 | 488 | 700 | 24.0 | 22.5 | 21 62 | 959 | 45 39 | ..... | 23 77 | 27 |
| 13..... | 401.0 | 202.0 | 10.5 | 488 | 700 | 27.25 | 24.0 | 22 28 | 1,364 | 53 12 | ..... | 30 84 | 19 |
| 14..... | 394.0 | 173.25 | 11.5 | 488 | 700 | 20.25 | 19.0 | 21 22 | 985 | 42 13 | ..... | 20 91 | 25 |
| 15..... | 440.0 | 220.75 | 15.75 | 488 | 700 | 24.0 | 30.75 | 24 31 | 1,773 | 76 51 | ..... | 52 20 | 16 |
| 16..... | 467.0 | 211.25 | 8.5 | 488 | 700 | 26.5 | 29.5 | 22 96 | 1,645 | 72 86 | ..... | 49 90 | 16 |
| 17..... | 434.0 | 232.25 | 12.5 | 488 | 700 | 26.5 | 31.0 | 24 21 | 1,607 | 68 98 | ..... | 44 77 | 18 |
| 18..... | 449.0 | 252.75 | 13.0 | 488 | 700 | 26.5 | 30.5 | 24 24 | 1,533 | 65 08 | ..... | 40 84 | 18 |
| 19..... | 445.0 | 250.25 | 20.25 | 488 | 700 | 39.0 | 31.25 | 26 29 | 1,566 | 61 15 | ..... | 34 84 | 20 |
| 20..... | 448.0 | 224.75 | 14.5 | 488 | 700 | 29.5 | 34.5 | 24 64 | 1,827 | 80 55 | ..... | 55 92 | 16 |
| 21..... | 455.0 | 232.6 | 13.0 | 488 | 700 | 27.75 | 29.75 | 25 00 | 1,656 | 70 68 | ..... | 45 68 | 18 |
| 22..... | 439.0 | 183.25 | 10.25 | 488 | 700 | 27.0 | 26.5 | 22 90 | 1,404 | 59 47 | ..... | 36 57 | 19 |
| 23..... | 436.0 | 204.25 | 14.5 | 488 | 700 | 29.0 | 27.0 | 23 23 | 1,410 | 60 18 | ..... | 36 95 | 19 |
| 24..... | 508.5 | 248.0 | 12.5 | 488 | 700 | 30.5 | 17.25 | 26 76 | 1,422 | 64 45 | ..... | 37 69 | 22 |
| Total..... | 11,275.5 | 5,380.0 | 317.75 | 11,644 | 16,800 | 687.0 | 656.75 | 601 48 | 35 477 | 1,558 92 | ..... | 957 44 | ..... |
| Average..... | 470.0 | 224.0 | 15.8 | 485 | 700 | 28.5 | 27.5 | 25 06 | 1,478.2 | 64 95 | ..... | 39 89 | 20 |

MANITOBA EGG LAYING CONTEST.

LIST OF ENTRANTS

With individual and total production 1920-21

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|--------------|-------------------------------------|------------|----------|------|------|------|------|------|------|------|-------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. B. Ober, Brandon, Man. | B.O..... | 153 | 141 | 83 | 88 | 41 | 55 | 43 | 51 | *131 | 41 | 20 | 847 |
| 2 | D. Russell, Two Creeks, Man. | R.I.R..... | * 83 | 136 | 96 | 87 | 133 | D148 | 130 | 133 | 148 | 117 | 12 | 1,223 |
| 3 | E. Blake, Brandon, Man. | Anc..... | 132 | 152 | 123 | 115 | 112 | 107 | 141 | 76 | 104 | 82 | 14 | 1,158 |
| 4 | E. H. Hebel, Brandon, Man. | Anc..... | 159 | 120 | 136 | *110 | 120 | 142 | D 65 | 96 | 101 | 62 | 7 | 1,118 |
| 5 | L. J. Waghorn, Morse Place, Man. | Anc..... | 176 | 207 | 91 | 150 | 137 | 150 | 179 | 168 | 134 | 122 | 11 | 1,525 |
| 6 | H. Cooper, East Kildonan, Man. | Anc..... | 135 | 195 | 171 | 188 | 124 | 165 | 191 | 176 | 184 | 108 | 21 | 1,658 |
| 7 | G. F. Windsor, Crystal City, Man. | S.C.B.L. | 183 | 134 | 142 | 165 | 110 | 147 | 118 | 140 | 45 | 167 | 3 | 1,354 |
| 8 | J. J. Logan, Norwood, Man. | S.C.W.L. | 169 | 158 | 208 | 157 | 163 | 123 | 212 | 99 | 185 | 135 | 6 | 1,615 |
| 9 | Arthur Howell, Brandon, Man. | S.C.W.L. | 155 | 160 | 186 | 176 | 149 | 186 | 141 | 167 | 192 | 89 | 3 | 1,599 |
| 10 | Jos. McQuoid, Winnipeg, Man. | S.C.W.L. | *113 | 191 | 132 | 162 | 184 | 128 | 142 | 163 | 55 | 101 | 22 | 1,393 |
| 11 | Rutland Poultry, Karnac, Man. | S.C.W.L. | 187 | *140 | * 86 | 175 | 195 | 202 | 61 | 117 | 129 | 190 | 9 | 1,491 |
| 12 | C. S. Palmer, Brandon, Man. | S.C.W.L. | 143 | 205 | 97 | 91 | 176 | 174 | 182 | 161 | 129 | 122 | 5 | 1,485 |
| 13 | Mrs. A. S. Hart, Gladstone, Man. | W.W..... | 170 | 151 | 215 | 178 | 147 | 147 | 234 | 159 | 154 | 225 | 16 | 1,796 |
| 14 | G. F. Thompson, Minnedosa, Man. | W.W..... | 128 | 146 | 154 | 215 | D133 | 87 | 196 | 154 | 201 | 184 | 19 | 1,617 |
| 15 | J. N. Scott, Moorepark, Man. | S.L.W..... | 107 | 106 | D 26 | 138 | 130 | * 72 | 128 | D 86 | D 96 | 170 | 6 | 1,065 |
| 16 | Kerr & McGuinness, Brandon, Man. | Camp..... | 71 | 118 | 80 | 93 | D | 126 | 108 | 150 | 95 | D | 19 | 860 |
| 17 | Peerless Product Co., Brandon, Man. | P.R..... | 63 | D 81 | 69 | D 94 | 63 | D | 53 | D 48 | ..... | D 21 | 3 | 486 |
| 18 | J. C. Kerr, Brandon, Man. | B.R..... | 197 | 150 | 154 | 93 | 141 | 166 | 183 | 154 | 198 | 223 | 13 | 1,672 |
| 19 | Mrs. J. Woods, Brandon, Man. | B.R..... | 82 | 134 | 93 | 123 | 155 | 159 | 134 | 149 | 132 | 92 | 14 | 1,257 |
| 20 | Exp. Farm, Brandon, Man. | B.R..... | 133 | 193 | 201 | 126 | 155 | 157 | 145 | 197 | 175 | 217 | 13 | 1,712 |
| 21 | Exp. Farm, Brandon, Man. | B.R..... | 188 | 125 | 125 | 149 | 184 | 149 | 164 | 145 | 135 | 137 | 8 | 1,509 |
| 22 | Exp. Farm, Brandon, Man. | W.W..... | 149 | 150 | 205 | 155 | 209 | 131 | 235 | 214 | 187 | 196 | 7 | 1,838 |
| 23 | Exp. Farm, Brandon, Man. | W.W..... | 141 | 185 | 180 | 142 | 105 | 150 | 132 | 113 | 207 | 175 | 5 | 1,535 |
| 1 total..... | | | | | | | | | | | | | | 31,813 |

*—Production of more than one bird.

D—Dead but not substituted.

MANITOBA EGG LAYING CONTEST, BRANDON.

TABLE SHOWING PRODUCTION COSTS
Feed with cost, eggs and value, gain and cost per dozen in 1920-21

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Other feeds | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|------------|---------------|--------------|------------|------------|-------|-------|-------|-------------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ | | \$ c. | \$ c. | \$ c. | c. |
| 1 | 359 | 304.0 | 2.5 | 46 | 208 | 22.5 | 17.5 | 3.5 | 20 54 | 847 | 23 23 | ..... | 2 69 | 29 |
| 2 | 409 | 309.0 | 2.5 | 64 | 223 | 29.0 | 27.0 | 4.0 | 22 84 | 1,223 | 37 27 | ..... | 14 43 | 22 |
| 3 | 360 | 223.0 | 2.5 | 60 | 197 | 20.0 | 24.0 | 3.5 | 18 79 | 1,158 | 31 66 | ..... | 12 87 | 19 |
| 4 | 353 | 216.5 | 2.5 | 55 | 193 | 21.0 | 23.0 | 3.5 | 18 46 | 1,118 | 32 48 | ..... | 14 02 | 19 |
| 5 | 407 | 256.0 | 2.5 | 60 | 202 | 24.0 | 28.5 | 4.0 | 21 39 | 1,525 | 47 51 | ..... | 26 12 | 17 |
| 6 | 441 | 236.0 | 2.5 | 55 | 198 | 20.0 | 24.0 | 4.0 | 21 90 | 1,658 | 48 39 | ..... | 26 49 | 16 |
| 7 | 383 | 281.0 | 2.5 | 66 | 201 | 25.5 | 30.5 | 4.0 | 21 27 | 1,354 | 38 50 | ..... | 17 25 | 18 |
| 8 | 365 | 285.0 | 2.5 | 66 | 201 | 22.0 | 30.0 | 4.0 | 21 00 | 1,615 | 50 00 | ..... | 29 00 | 15 |
| 9 | 380 | 293.0 | 2.5 | 57 | 201 | 23.0 | 28.0 | 3.0 | 21 45 | 1,599 | 46 92 | ..... | 25 49 | 15 |
| 10 | 338 | 343.0 | 2.5 | 66 | 198 | 24.0 | 35.0 | 4.0 | 21 62 | 1,393 | 42 40 | ..... | 20 78 | 18 |
| 11 | 346 | 295.0 | 2.5 | 69 | 199 | 19.0 | 33.5 | 4.0 | 20 29 | 1,491 | 44 67 | ..... | 24 38 | 16 |
| 12 | 383 | 312.0 | 2.5 | 67 | 201 | 22.0 | 31.0 | 4.0 | 22 01 | 1,485 | 42 34 | ..... | 20 33 | 17 |
| 13 | 418 | 307.0 | 2.5 | 71 | 206 | 26.0 | 31.0 | 4.0 | 23 18 | 1,796 | 61 59 | ..... | 38 41 | 15 |
| 14 | 438 | 373.0 | 2.5 | 70 | 204 | 30.0 | 31.0 | 4.0 | 25 35 | 1,617 | 56 81 | ..... | 31 46 | 18 |
| 15 | 331 | 299.0 | 2.5 | 64 | 196 | 22.0 | 26.5 | 4.0 | 20 18 | 1,065 | 34 02 | ..... | 13 84 | 23 |
| 16 | 267 | 267.0 | 2.5 | 57 | 183 | 17.0 | 19.0 | 4.0 | 16 79 | 860 | 23 06 | ..... | 6 27 | 23 |
| 17 | 264 | 225.0 | 2.5 | 53 | 128 | 23.0 | 14.0 | 3.0 | 15 43 | 486 | 12 53 | 2 90 | ..... | 37 |
| 18 | 461 | 340.0 | 2.5 | 68 | 215 | 19.0 | 34.0 | 4.0 | 25 82 | 1,672 | 55 46 | ..... | 29 64 | 18 |
| 19 | 372 | 367.0 | 2.5 | 68 | 214 | 28.0 | 31.0 | 4.0 | 23 38 | 1,257 | 36 44 | ..... | 13 06 | 22 |
| 20 | 341 | 430.0 | 2.5 | 69 | 217 | 28.0 | 34.5 | 4.0 | 22 13 | 1,712 | 56 88 | ..... | 34 75 | 15 |
| 21 | 369 | 273.0 | 2.5 | 68 | 198 | 19.0 | 21.0 | 4.0 | 19 85 | 1,509 | 51 97 | ..... | 32 12 | 16 |
| 22 | 353 | 245.0 | 2.5 | 63 | 190 | 18.5 | 21.5 | 4.0 | 18 95 | 1,838 | 63 78 | ..... | 44 83 | 12 |
| 23 | 348 | 244.0 | 2.5 | 64 | 199 | 16.0 | 20.0 | 4.0 | 18 65 | 1,535 | 55 27 | ..... | 36 62 | 15 |
| Total | 8,486 | 6,723.5 | 57.5 | 1,446 | 4,572 | 518.5 | 615.5 | 88.5 | 481 25 | 318 13 | 993 18 | 2 90 | 514 83 | ..... |
| Average | 369 | 292.5 | 2.5 | 63 | 199 | 22.5 | 26.5 | 4.0 | 20 92 | 1383.2 | 43 18 | ..... | 22 26 | 18 |

SASKATCHEWAN EGG LAYING CONTEST.

LIST OF ENTRANTS
With individual and total production 1920-21

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|-------|--|-----------|----------|------|-----|------|------|------|------|-----|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 2 | T. Gibbs, Moose Jaw, Sask. | S.C.W.L.. | 203 | 127 | 132 | 102 | 121 | 82 | 132 | 170 | 97 | 127 | 4 | 1,297 |
| 3 | A. Hewlett, Manor, Sask. | S.C.W.L.. | 114 | 74 | 122 | 106 | 91 | 111 | 134 | 100 | 69 | 143 | 10 | 1,074 |
| 4 | E. W. Anderson, Fleming, Sask. | S.C.W.L.. | 201 | 190 | 136 | 180 | 104 | * 52 | 238 | 140 | 111 | 129 | 7 | 1,488 |
| 5 | J. H. Wilson, Rouleau, Sask. | S.C.W.L.. | 130 | 115 | 100 | 120 | 154 | 74 | *161 | 109 | 130 | 146 | 2 | 1,247 |
| 6 | E. Barnett, Radisson, Sask. | W.W..... | 84 | 157 | 88 | 102 | 131 | 104 | 163 | 39 | * 80 | 144 | 3 | 1,095 |
| 7 | T. Gibbs, Moose Jaw, Sask. | B.L..... | D 55 | 100 | 72 | 97 | 203 | 118 | 194 | 123 | *162 | 145 | 3 | 1,272 |
| 8 | R. Morley, Moose Jaw, Sask. | S.C.A.... | 138 | 89 | 119 | *138 | 146 | 112 | 160 | 193 | 123 | *124 | 2 | 1,344 |
| 9 | T. N. Blackstock, Prince Albert, Sask. | S.C.A.... | 131 | 150 | 85 | 161 | 156 | 126 | 76 | 84 | 154 | 82 | 3 | 1,208 |
| 10 | K. W. Sterger, Luseland, Sask. | R.C.A.... | 112 | 95 | 22 | 98 | 100 | 172 | 113 | 150 | 107 | 158 | 2 | 1,129 |
| 12 | A. G. Campbell, Adanac, Sask. | R.I.R.... | 168 | 112 | 119 | 165 | 116 | 113 | 114 | 121 | 98 | 189 | 14 | 1,329 |
| 13 | A. G. Mitchell, Radisson, Sask. | R.I.R.... | 106 | 96 | 56 | 53 | 104 | 15 | D 92 | 96 | 48 | 50 | 10 | 726 |
| 15 | D. McIntosh, Swift Current, Sask. | B.R..... | 122 | 146 | 171 | 201 | 62 | 178 | *120 | 176 | 150 | 152 | 5 | 1,483 |
| 16 | Mrs. B. H. Thompson, Boharm, Sask. | B.R..... | 112 | 124 | 110 | 91 | *103 | * 85 | 118 | 105 | 126 | 117 | 2 | 1,093 |
| 17 | Nor. Sask. Orpington Club, Sask. | W.O..... | 63 | D 34 | 71 | *115 | 154 | 140 | 161 | 131 | 116 | 27 | 3 | 1,015 |
| 18 | John McCheane, Borden, Sask. | W.W..... | 101 | 139 | 157 | 85 | 130 | 122 | 88 | 165 | 53 | 163 | 5 | 1,208 |
| 19 | A. W. Vann, Indian Head, Sask. | W.W..... | 113 | *136 | 137 | 150 | 151 | 232 | 163 | 130 | 193 | 177 | 4 | 1,586 |
| Total | | | | | | | | | | | | | | 19,594 |

*—Production of more than one bird.
D—Dead but not substituted.

SASKATCHEWAN EGG LAYING CONTEST, INDIAN HEAD.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1920-21

| Pen number | Scratch grain | Meal mixture | Grit | Shell | Char-coal | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|-------|-------|-----------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | c. |
| 2..... | 554 | 228.5 | 11.0 | 16.5 | 8.0 | 19 52 | 1,297 | 41 62 | ..... | 22 10 | 18 |
| 3..... | 554 | 256.0 | 13.0 | 18.0 | 15.0 | 20 59 | 1,074 | 31 47 | ..... | 10 88 | 23 |
| 4..... | 569 | 262.0 | 12.0 | 15.5 | 9.5 | 20 62 | 1,488 | 47 90 | ..... | 27 28 | 16 |
| 5..... | 604 | 269.0 | 16.5 | 16.0 | 17.0 | 21 83 | 1,247 | 38 63 | ..... | 16 80 | 21 |
| 6..... | 585 | 234.0 | 9.5 | 11.5 | 11.0 | 20 24 | 1,095 | 37 75 | ..... | 17 51 | 22 |
| 7..... | 575 | 267.0 | 9.0 | 15.5 | 15.5 | 21 21 | 1,272 | 42 18 | ..... | 20 97 | 20 |
| 8..... | 546 | 258.5 | 8.5 | 15.5 | 12.0 | 20 18 | 1,344 | 45 01 | ..... | 24 83 | 18 |
| 9..... | 601 | 207.0 | 12.0 | 17.5 | 11.5 | 19 78 | 1,208 | 37 13 | ..... | 17 35 | 20 |
| 10..... | 551 | 221.0 | 3.5 | 14.0 | 2.5 | 18 70 | 1,129 | 35 14 | ..... | 16 44 | 20 |
| 12..... | 597 | 260.0 | 7.5 | 14.0 | 5.5 | 21 42 | 1,329 | 42 79 | ..... | 21 37 | 19 |
| 13..... | 616 | 251.0 | 7.5 | 12.5 | 4.0 | 21 13 | 726 | 25 90 | ..... | 4 77 | 35 |
| 15..... | 674 | 251.0 | 2.0 | 15.0 | 11.0 | 22 43 | 1,483 | 47 69 | ..... | 25 26 | 18 |
| 16..... | 661 | 258.0 | 11.0 | 17.0 | 9.5 | 22 63 | 1,093 | 33 62 | ..... | 10 99 | 23 |
| 17..... | 642 | 190.0 | 2.5 | 10.0 | 3.0 | 19 61 | 1,015 | 34 70 | ..... | 15 09 | 24 |
| 18..... | 618 | 214.0 | 6.0 | 15.0 | 19.0 | 20 70 | 1,208 | 39 37 | ..... | 18 67 | 21 |
| 19..... | 678 | 237.0 | 10.0 | 14.0 | 19.5 | 22 74 | 1,586 | 51 62 | ..... | 28 88 | 17 |
| Total..... | 9,625 | 3,864 | 141.5 | 237.5 | 173.5 | 333 33 | 19,594 | 632 51 | ..... | 299 19 | ..... |
| Average..... | 601.5 | 241.5 | 8.8 | 15.0 | 10.8 | 20 83 | 1,224.6 | 39 53 | ..... | 18 69 | 20 |

ALBERTA EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1920-21.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|-----------|----------|------|-----|-------|------|------|------|-----|-----|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | W. Northcott, Beddington, Alta..... | B.R..... | 156 | 142 | 85 | 134 | 193 | D 78 | 135 | 117 | 167 | 130 | 21 | 1,318 |
| 2 | A. W. Fraser, Medicine Hat, Alta..... | B.R..... | 97 | 180 | 129 | 72 | 86 | 97 | 128 | 218 | 136 | 138 | 18 | 1,299 |
| 3 | Coleman & Son, Lethbridge, Alta..... | B.R..... | 163 | 166 | 229 | 142 | 120 | 136 | 101 | 197 | 142 | 155 | 9 | 1,560 |
| 4 | C.P.R. Demonstr. m, Strathmore, Alta..... | B.R..... | 45 | 180 | 199 | 125 | 246 | 178 | 102 | 69 | 162 | 148 | 15 | 1,469 |
| 5 | Mrs. W. Dow, Veteran, Alta..... | B.R..... | 139 | 148 | 135 | 181 | 68 | 175 | D 75 | 132 | 23 | 127 | 27 | 1,230 |
| 6 | F. Edwards, Edmonton, Alta..... | B.R..... | 193 | 172 | 132 | 146 | 181 | 127 | 158 | 166 | 178 | 203 | 12 | 1,668 |
| 7 | Westbrook Bros., Lethbridge, Alta..... | B.R..... | D125 | 102 | 168 | 81 | 185 | 181 | 133 | 207 | 142 | 168 | 10 | 1,502 |
| 8 | H. V. Grainger, Calgary, Alta..... | S.C..... | 182 | * 75 | 124 | ..... | 79 | 91 | 224 | 9 | 98 | 119 | 18 | 1,019 |
| 9 | G. Jones, Lethbridge, Alta..... | R.I.R.. | 115 | 123 | 65 | 148 | 168 | 136 | 90 | 162 | 174 | 118 | 6 | 1,305 |
| 10 | Patrick Lee, Royalist, Alta..... | W.W..... | 81 | 104 | 119 | 108 | 145 | 131 | 103 | 100 | 96 | 86 | 13 | 1,086 |
| 11 | C.P.R. Demonstr. Farm, Strathmore, Alta..... | R.I.R.... | 111 | 132 | 120 | 72 | * 92 | 161 | 175 | 198 | 105 | 184 | 17 | 1,367 |
| 12 | Sunalta P. Yards, Calgary, Alta..... | R.C.A.... | 170 | 115 | 110 | 125 | 155 | 46 | 142 | 27 | 3 | 144 | 7 | 1,044 |
| 13 | H. C. Graham, Lethbridge, Alta..... | S.C.A.... | 155 | 125 | 140 | 110 | 113 | 176 | 126 | 146 | 176 | 130 | 10 | 1,407 |
| 14 | Alex. Masson, Lethbridge, Alta..... | S.C.A.... | 134 | 144 | 111 | 130 | 168 | 140 | 169 | 103 | 96 | 177 | 14 | 1,386 |
| 15 | J. Heintz, Lethbridge, Alta..... | S.C.A.... | 65 | 145 | 109 | 149 | 125 | 174 | 136 | 121 | 89 | 94 | 9 | 1,216 |
| 16 | F. Enderton, Lethbridge, Alta..... | S.C.A.... | 80 | 156 | 207 | 212 | 118 | 124 | 153 | 152 | 111 | 177 | 10 | 1,500 |
| 17 | E. H. Young & Son, DeWinton, Alta..... | S.C.W.L.. | 122 | 121 | 118 | 142 | 98 | 77 | 45 | 103 | 105 | 137 | 8 | 1,076 |
| 18 | J. & N. Gurr, Lethbridge, Alta..... | S.C.W.L.. | 69 | 107 | 152 | D 66 | 86 | 68 | 115 | 92 | 99 | D 71 | 4 | 929 |
| 19 | V. Erickson, Dunmore, Alta..... | S.L.W.... | 89 | 144 | 89 | 26 | 93 | 143 | 106 | 38 | 146 | 99 | 7 | 980 |
| 20 | D. P. Carlyle, Lethbridge, Alta..... | B.O..... | *163 | 165 | 86 | 117 | 73 | 104 | 164 | 125 | 91 | 126 | 10 | 1,224 |
| 21 | Exp. Station, Lethbridge, Alta..... | B.R..... | 220 | 188 | 166 | 199 | 167 | 238 | 191 | 204 | 162 | 191 | 5 | 1,931 |
| Total..... | | | | | | | | | | | | | | 27,516 |

* Production of more than one bird.

D Dead but not substituted.

ALBERTA EGG LAYING CONTEST, LETHBRIDGE.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1920-21.

| Pen Number | Scratch grains | Meal mix- ture | Beef scrap | Green feed | Milk | Grit | Shell | Char- coal | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|-------------------|----------------------|---------------|---------------|------|--------|--------|---------------|---------------|--------------|----------|-------|--------|----------------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | cts. |
| 1..... | 592-0 | 408 | 69-75 | 185 | 8 | 13-25 | 29-25 | 12-75 | 35 74 | 1,318 | 57 12 | ..... | 21 38 | 32 |
| 2..... | 589-0 | 401 | 69-75 | 185 | 8 | 12-5 | 27-75 | 12-75 | 35 48 | 1,299 | 56 04 | ..... | 20 56 | 32 |
| 3..... | 598-0 | 418 | 69-75 | 185 | 8 | 13-0 | 29-0 | 12-75 | 36 22 | 1,560 | 70 40 | ..... | 34 18 | 28 |
| 4..... | 605-25 | 396 | 69-75 | 185 | 8 | 13-25 | 28-25 | 12-25 | 35 86 | 1,469 | 70 11 | ..... | 34 25 | 29 |
| 5..... | 567-0 | 376 | 69-75 | 185 | 8 | 12-5 | 25-75 | 12-25 | 34 10 | 1,230 | 57 30 | ..... | 23 20 | 33 |
| 6..... | 619-5 | 400 | 69-75 | 185 | 8 | 13-5 | 29-5 | 13-0 | 36 44 | 1,668 | 81 36 | ..... | 44 82 | 26 |
| 7..... | 612-5 | 417 | 69-75 | 185 | 8 | 17-25 | 31-0 | 12-5 | 36 66 | 1,502 | 66 12 | ..... | 29 46 | 29 |
| 8..... | 594-75 | 691 | 69-75 | 185 | 8 | 13-0 | 26-5 | 12-75 | 35 35 | 1,019 | 53 23 | ..... | 17 88 | 41 |
| 9..... | 620-5 | 408 | 69-75 | 185 | 8 | 12-5 | 29-0 | 13-0 | 36 65 | 1,305 | 61 23 | ..... | 24 58 | 32 |
| 10..... | 605-75 | 381 | 69-75 | 185 | 8 | 12-5 | 26-75 | 12-5 | 35 14 | 1,086 | 50 30 | ..... | 15 16 | 38 |
| 11..... | 623-75 | 418 | 69-75 | 185 | 8 | 12-5 | 30-0 | 12-75 | 36 99 | 1,367 | 65 48 | ..... | 28 49 | 32 |
| 12..... | 443-0 | 298 | 69-75 | 185 | 8 | 12-5 | 21-75 | 12-5 | 28 15 | 1,044 | 49 29 | ..... | 21 14 | 31 |
| 13..... | 477-25 | 342 | 69-75 | 185 | 8 | 12-5 | 27-0 | 12-5 | 30 63 | 1,407 | 70 19 | ..... | 39 56 | 26 |
| 14..... | 473-75 | 346 | 69-75 | 185 | 8 | 12-5 | 27-0 | 12-5 | 30 63 | 1,386 | 63 70 | ..... | 33 07 | 27 |
| 15..... | 465-75 | 343 | 69-75 | 185 | 8 | 12-5 | 28-0 | 12-75 | 30 35 | 1,216 | 52 70 | ..... | 22 44 | 29 |
| 16..... | 459-0 | 355 | 69-75 | 185 | 8 | 12-5 | 26-0 | 12-5 | 30 46 | 1,500 | 67 96 | ..... | 37 50 | 24 |
| 17..... | 455-75 | 355 | 69-75 | 185 | 8 | 12-5 | 26-0 | 12-5 | 30 20 | 1,076 | 44 88 | ..... | 14 68 | 32 |
| 18..... | 459-5 | 344 | 69-75 | 185 | 8 | 12-5 | 25-0 | 12-5 | 30 00 | 929 | 39 85 | ..... | 9 85 | 39 |
| 19..... | 568-0 | 403 | 69-75 | 185 | 8 | 12-5 | 29-0 | 12-5 | 35 07 | 980 | 39 45 | ..... | 4 38 | 43 |
| 20..... | 619-25 | 409 | 69-75 | 185 | 8 | 13-0 | 29-75 | 12-5 | 36 89 | 1,224 | 59 11 | ..... | 22 22 | 36 |
| 21..... | 641-25 | 419 | 69-75 | 185 | 8 | 13-0 | 32-0 | 12-75 | 37 51 | 1,931 | 96 90 | ..... | 59 39 | 22 |
| Total..... | 11,690-5 | 8,328 | 1,464-75 | 3,885 | 168 | 271-75 | 584-25 | 264-75 | 714 52 | 27,516 | 1,272-81 | ..... | 558 19 | |
| Average..... | 556-5 | 396-5 | 69-5 | 185 | 8 | 13-0 | 27-8 | 12-5 | 34 02 | 1,310-3 | 60 61 | ..... | 26 59 | 31 |



Agassiz, B.C., Contest House—Front View.

BRITISH COLUMBIA EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1920-21.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--------------------------------------|---------|----------|------|------|------|------|------|------|------|-----|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Dom. Exp. Farm, Agassiz, B.C. | W.L. | 193 | 191 | 248 | 189 | 187 | 179 | 205 | 257 | 162 | 226 | 33 | 2,070 |
| 2 | Old People's Home, Vancouver, B.C. | W.L. | 181 | 204 | 223 | *221 | 255 | 146 | 192 | 169 | 200 | 204 | 32 | 2,027 |
| 4 | R. S. Jackson, Duncan, B.C. | W.L. | 261 | 153 | 194 | *206 | 223 | *216 | 226 | 213 | 198 | 236 | 29 | 2,155 |
| 5 | W. J. Bradley, Langford, B.C. | W.L. | 239 | 200 | 171 | 140 | 169 | 144 | 260 | 171 | 240 | 146 | 25 | 1,905 |
| 6 | I. I. Blackburne, Salmon Arm, B.C. | W.L. | 154 | 106 | 166 | 192 | 161 | 121 | 148 | 169 | 162 | 148 | 71 | 1,598 |
| 7 | W. D. Bruce, Pitt Meadows, B.C. | W.L. | 207 | 197 | 233 | 46 | 210 | 175 | 231 | D107 | 245 | 221 | 12 | 1,884 |
| 8 | W. & F. M. Tozer, Milner, B.C. | W.L. | 164 | 127 | 149 | 139 | 180 | 143 | 189 | 222 | 235 | 181 | 23 | 1,752 |
| 9 | P. Darbey & Son, Port Hammond, B.C. | W.L. | 189 | 246 | 194 | 232 | *213 | 208 | 207 | 217 | 221 | 224 | 45 | 2,196 |
| 10 | J. O. M. Thackeray, Chilliwack, B.C. | W.L. | 238 | 207 | 187 | 196 | 152 | 182 | 174 | 128 | 201 | 105 | 27 | 1,797 |
| 11 | R. H. Graham, Langley Prairie, B.C. | W.L. | 193 | 250 | 248 | 283 | 211 | 214 | 204 | *173 | 200 | 248 | 23 | 2,247 |
| 12 | A. Unsworth, Sardis, B.C. | W.L. | *182 | 173 | 123 | 200 | 197 | 260 | 203 | 206 | 200 | 186 | 15 | 1,945 |
| 13 | G. F. Henley, Agassiz, B.C. | W.L. | 124 | 163 | 258 | 228 | 179 | 222 | 226 | 184 | 164 | 208 | 41 | 1,997 |
| 14 | Mrs. S. Raby, Sardis, B.C. | B.L. | 69 | 134 | 151 | 154 | 188 | 119 | 121 | 155 | 157 | 157 | 53 | 1,458 |
| 15 | T. H. Braim, Sardis, B.C. | B.A. | 125 | 190 | 143 | 219 | 180 | 156 | 194 | 152 | 207 | 140 | 20 | 1,726 |
| 16 | A. Cant, Appledale, B.C. | W.W. | 256 | 147 | 212 | 179 | 180 | 230 | 203 | 196 | 197 | 227 | 83 | 2,110 |
| 17 | Geo. D. Adams, Langley Prairie, B.C. | W.W. | 116 | 158 | *121 | 158 | 213 | 124 | 197 | 194 | 120 | 107 | 24 | 1,532 |
| 18 | A. S. Huntingford, Agassiz, B.C. | W.W. | 176 | 254 | 214 | 129 | 187 | 214 | 230 | 207 | 181 | 218 | 75 | 2,085 |
| 19 | Dom. Exp. Farm, Summerland, B.C. | W.W. | 185 | 127 | 153 | 222 | 221 | 177 | 235 | 186 | 141 | 138 | 24 | 1,809 |
| 20 | Glen Bros., Armstrong, B.C. | W.P.R. | 110 | D175 | 227 | 158 | 238 | 186 | 189 | 99 | 199 | 126 | 34 | 1,741 |
| 21 | White Bird P. Yards, Vancouver, B.C. | R.I.W. | 209 | 139 | 136 | D 76 | 180 | 176 | 218 | 114 | 132 | 138 | 57 | 1,575 |
| 22 | W. J. Mannix, North Bend, B.C. | R.I.R. | 128 | 194 | 171 | 136 | 199 | 186 | 154 | 206 | 222 | 107 | 111 | 1,814 |
| 23 | D. Russell, Julilee, B.C. | S.C. | 154 | 235 | 134 | 131 | 171 | 150 | 147 | D125 | 159 | 203 | 55 | 1,664 |
| 24 | C. W. Robbins, Chilliwack, B.C. | B.O. | 249 | 57 | D108 | 91 | D162 | 136 | 202 | 190 | 113 | 88 | 52 | 1,448 |
| 25 | H. E. Waby, Enderby, B.C. | B.P.R. | 137 | 127 | 183 | D 41 | 103 | 41 | 162 | 161 | 97 | D 68 | 34 | 1,154 |
| 26 | H. Wilkinson, Collingwood, E., B.C. | B.P.R. | 215 | 161 | 161 | 140 | 260 | 173 | 193 | 262 | 231 | 148 | 28 | 1,972 |
| 27 | Dom. Exp. Farm, Agassiz, B.C. | B.P.R. | 223 | 206 | 230 | 50 | 187 | 230 | *185 | 184 | 218 | 251 | 115 | 2,079 |
| Total..... | | | | | | | | | | | | | | 47,740 |

* Production of more than one bird.

D Dead but not substituted.

BRITISH COLUMBIA EGG LAYING CONTEST, AGASSIZ.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1920-21.

| Pen Number | Scratch grain | Meal mixture | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|--------|------|-------|------------|-----------|----------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbz. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | cts. |
| 1..... | 541-0 | 349 | 692 | 828 | 7 | 41-5 | 37 33 | 2,070 | 69 30 | ..... | 31 97 | 21 |
| 2..... | 537-0 | 374 | 692 | 828 | 7 | 45-5 | 38 16 | 2,027 | 68 65 | ..... | 30 49 | 22 |
| 4..... | 557-0 | 300 | 692 | 828 | 7 | 37-5 | 36 35 | 2,155 | 76 86 | ..... | 40 51 | 21 |
| 5..... | 561-0 | 342 | 692 | 828 | 7 | 36-5 | 37 53 | 1,905 | 65 06 | ..... | 27 53 | 23 |
| 6..... | 558-0 | 277 | 692 | 828 | 7 | 47-5 | 36 52 | 1,598 | 50 01 | ..... | 13 49 | 27 |
| 7..... | 546-0 | 366 | 692 | 828 | 7 | 41-5 | 38 09 | 1,884 | 65 49 | ..... | 27 40 | 24 |
| 8..... | 541-0 | 464 | 692 | 828 | 7 | 41-0 | 39 94 | 1,752 | 54 04 | ..... | 14 10 | 27 |
| 9..... | 546-5 | 448 | 692 | 828 | 7 | 38-0 | 39 66 | 2,196 | 77 26 | ..... | 37 60 | 21 |
| 10..... | 532-0 | 380 | 692 | 828 | 7 | 41-5 | 38 18 | 1,797 | 61 55 | ..... | 23 37 | 25 |
| 11..... | 539-0 | 391 | 692 | 828 | 7 | 39-0 | 37 55 | 2,247 | 74 92 | ..... | 37 37 | 20 |
| 12..... | 535-5 | 391 | 692 | 828 | 7 | 47-5 | 38 71 | 1,945 | 67 08 | ..... | 28 37 | 24 |
| 13..... | 537-0 | 319 | 692 | 828 | 7 | 42-5 | 36 39 | 1,997 | 67 77 | ..... | 31 38 | 22 |
| 14..... | 516-0 | 243 | 692 | 828 | 7 | 28-0 | 34 44 | 1,458 | 46 42 | ..... | 11 98 | 28 |
| 15..... | 514-0 | 368 | 692 | 828 | 7 | 32-5 | 36 61 | 1,726 | 53 96 | ..... | 17 35 | 25 |
| 16..... | 554-5 | 389 | 692 | 828 | 7 | 38-5 | 39 26 | 2,110 | 73 69 | ..... | 34 43 | 22 |
| 17..... | 546-0 | 327 | 692 | 828 | 7 | 32-5 | 36 86 | 1,532 | 54 45 | ..... | 17 59 | 29 |
| 18..... | 550-5 | 513 | 692 | 828 | 7 | 42-5 | 43 11 | 2,085 | 70 04 | ..... | 26 93 | 24 |
| 19..... | 523-5 | 520 | 692 | 828 | 7 | 38-5 | 42 16 | 1,809 | 60 77 | ..... | 18 61 | 28 |
| 20..... | 545-5 | 470 | 692 | 828 | 7 | 42-5 | 41 33 | 1,741 | 56 62 | ..... | 15 29 | 29 |
| 21..... | 550-0 | 518 | 692 | 828 | 7 | 39-0 | 42 33 | 1,575 | 46 61 | ..... | 4 28 | 32 |
| 22..... | 558-5 | 447 | 692 | 828 | 7 | 27-5 | 40 97 | 1,814 | 58 26 | ..... | 17 29 | 27 |
| 23..... | 573-0 | 566 | 692 | 828 | 7 | 33-5 | 45 55 | 1,664 | 56 40 | ..... | 10 85 | 33 |
| 24..... | 568-0 | 481 | 692 | 828 | 7 | 32-5 | 42 19 | 1,448 | 46 98 | ..... | 4 79 | 35 |
| 25..... | 579-0 | 461 | 692 | 828 | 7 | 24-0 | 40 75 | 1,154 | 38 19 | 2 56 | ..... | 42 |
| 26..... | 584-5 | 546 | 692 | 828 | 7 | 32-5 | 44 98 | 1,972 | 69 05 | ..... | 24 07 | 27 |
| 27..... | 552-0 | 497 | 692 | 828 | 7 | 24-0 | 41-93 | 20-79 | 75 58 | ..... | 33 65 | 24 |
| Total..... | 142-46 | 10,747 | 17,992 | 21,528 | 182 | 967-5 | 1,026 88 | 47,740 | 1,605 01 | 2 56 | 580 69 | |
| Average..... | 548 | 413-3 | 692 | 828 | 7 | 37-2 | 39 49 | 1,836-1 | 61 73 | ..... | 22 23 | 26 |

TABLE SHOWING PRODUCTION COSTS FOR ALL CONTESTS 1920-21

Average per pen (10 birds) feed consumed, cost, egg yield and cost of production for 1 year

| Contest | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Char-coal | Other feed | Total cost | Numbe Eggs laid | Value | Gain | Cost per dozen |
|----------------------------|---------------|--------------|------------|------------|--------|-------|-------|-----------|------------|------------|-----------------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | c. |
| Canadian..... | 461-3 | 236-0 | 16-6 | 620-0 | 439-0 | 22-7 | 26-6 | ..... | ..... | 24 82 | 1,451-5 | 63 12 | 38 12 | 20-5 |
| Prince Edward Is-land..... | 462-0 | 265-0 | 16-2 | 116-4 | 358-5 | 27-8 | 26-3 | ..... | ..... | 28 00 | 1,197-3 | 34 88 | 6 88 | 28-0 |
| Nova Scotia..... | 749-5 | 232-7 | 39-9 | 170-0 | ..... | 20-7 | 24-5 | ..... | ..... | 30 26 | 1,277-7 | 44 05 | 13 79 | 28-4 |
| New Brunswick... | 717-0 | 375-0 | 15-2 | 153-0 | ..... | 14-1 | 39-2 | 9-0 | ..... | 34 65 | 1,521-3 | 60 59 | 25 94 | 27-2 |
| Quebec..... | 644-0 | 94-0 | 17-0 | 21-0 | 160-5 | ..... | 20-5 | 13-0 | ..... | 28 93 | 1,021-1 | 44 38 | 15 79 | 34-0 |
| Ontario..... | 470-0 | 224-0 | 15-8 | 485-0 | 700-0 | 28-5 | 27-5 | ..... | ..... | 25 06 | 1,478-2 | 64 95 | 39 89 | 20-0 |
| Manitoba..... | 369-0 | 292-5 | 2-5 | 63-0 | 199-0 | 22-5 | 26-5 | ..... | 4-0 | 20 92 | 1,383-2 | 43 18 | 22 26 | 18-1 |
| Saskatchewan..... | 601-5 | 241-5 | ..... | ..... | ..... | 8-8 | 15-0 | 10-8 | ..... | 20 83 | 1,224-6 | 39 53 | 18 69 | 20-4 |
| Alberta..... | 556-5 | 396-5 | 69-5 | 185-0 | 8-0 | 13-0 | 27-8 | 12-5 | ..... | 34 02 | 1,310-3 | 60 61 | 26 59 | 31-2 |
| British Columbia.. | 548-0 | 413-3 | ..... | 692-0 | 828-0 | 7-0 | 37-2 | ..... | ..... | 39 49 | 1,836-1 | 61 73 | 22 23 | 26-0 |
| Total..... | 5,578-0 | 2,773-8 | 192-9 | 2,505-4 | 2693-0 | 165-1 | 270-9 | 45-3 | 4-0 | 288 98 | 13,701-3 | 517 02 | 230 18 | ..... |
| Average..... | 557-8 | 227-3 | 24-1 | 278-2 | 384-7 | 18-4 | 27-0 | 11-3 | 4-0 | 28 89 | 1,370-1 | 51 70 | 23 01 | 25-2 |

NOTES.—The cost of producing eggs in the 1920-21 contest was considerably lower than that of the previous year's contests.

The above figures are based on consumption of feed and number of eggs laid, and no attempt should be made to place a relative estimate commercially on the standing of the different varieties. The figures as shown for Barred Plymouth Rocks, White Leghorns, White Wyandottes, Single Comb Rhode Island Reds and Single Comb Anconas are fairly representative, and especially so for those varieties which appear in each contest. Any attempt to compare 97 pens of Barred Plymouth Rocks with one pen of any other variety would be, not only unfair, but quite misleading.

WEIGHT COMPARISONS.

To compare the weight of the eggs laid by the different varieties in the contests of 1920-21 is not advisable, but for the most popular varieties, the Barred Plymouth Rocks laid the largest eggs.

The White Leghorns had many pens which laid eggs well up to standard, but on the other hand many birds of this variety laid eggs which weighed less than 24 ounces to the dozen.

An outstanding feature in connection with the weight of eggs laid by the Barred Plymouth Rocks was the small number of pullet eggs produced, yet in nearly every case where careful observations have been taken the birds started with small eggs but they soon attained the ability to produce eggs of standard size.

The White Leghorns were somewhat slower to reach the standard weight in eggs produced. The Anconas were similar to the White Leghorns in size of eggs. The Rhode Island Reds laid eggs above standard weight and of excellent colour and uniform shape. Lack of uniformity, especially in shape and colour of eggs produced was a characteristic of the White Wyandottes. Some of the birds laid good sized eggs while others laid eggs which were undersized.

MORTALITY LIST 1920-21 CONTESTS

| | Pens | Deaths | Per cent |
|---------------------------|------|--------|----------|
| Canadian..... | 50 | 104 | 20.8 |
| Prince Edward Island..... | 25 | 16 | 6.4 |
| Nova Scotia..... | 22 | 39 | 17.7 |
| New Brunswick..... | 21 | 23 | 10.7 |
| Quebec..... | 20 | 13 | 6.5 |
| Ontario..... | 24 | 39 | 16.2 |
| Manitoba..... | 23 | 20 | 8.7 |
| Saskatchewan..... | 16 | 14 | 8.7 |
| Alberta..... | 21 | 8 | 3.8 |
| British Columbia..... | 27 | 16 | 5.9 |
| Total..... | 237 | 292 | 12.3 |

NOTES—As was the case the previous year two causes were responsible for most of the deaths. These were first—colds which later developed into roup, and second—reproductive system disorders. Roup in its various forms being extremely difficult to overcome and even more difficult to exterminate very often affects the entire pen when it once enters, and even though some birds have considerable resisting powers and appear to become only slightly affected, others either succumb to the disease or become so weakened as to very materially decrease the egg yield.

During the month of July, 1921, the death rate in the Canadian and Ontario Contests was abnormally high due to the unusual heat. Many of the contest birds became suffocated while on the trapnests. Every attempt was made to offset this danger, but even with the increased effort the death rate was high. During July alone 32 deaths took place in the Canadian Contest. As many as seven birds died in one day from the extreme heat.

The Nova Scotia Contest birds suffered in much the same way as did those at Ottawa, which accounts for the high death rate in that contest.

PART III.

**THIRD ANNUAL CANADIAN NATIONAL EGG LAYING CONTEST
1921-22.**

A third series of Egg Laying Contests were conducted by the Experimental Farm's Branch of the Department of Agriculture, starting November 1, 1921, and ending October 30, 1922. A laying contest was conducted in each province in Canada, and the Canadian Contest was held at the Central Farm, Ottawa. There was an increase in the number of pens entered over the previous year, and the total aggregate of birds entered for these contests was 2,590. The names and locations of the contests were as follows:—

CANADIAN CONTEST.

Canadian Egg Laying Contest,
Experimental Farm, Ottawa, Ont.

PROVINCIAL CONTESTS.

Prince Edward Island Egg Laying Contest,
Experimental Station, Charlottetown, P.E.I.

Nova Scotia Federal Egg Laying Contest,
Experimental Farm, Nappan, N.S.

New Brunswick Egg Laying Contest,
Experimental Station, Fredericton, N.B.

Quebec Eastern Egg Laying Contest,
Experimental Station, Ste. Anne de la Pocatiere, Que.

Quebec Western Egg Laying Contest,
Experimental Station, Lennoxville, Que.

Ontario Egg Laying Contest,
Experimental Farm, Ottawa, Ont.

Manitoba Egg Laying Contest,
Experimental Farm, Brandon, Man.

Saskatchewan Egg Laying Contest,
Experimental Farm, Indian Head, Sask.

Alberta Egg Laying Contest,
Experimental Station, Lethbridge, Alta.

British Columbia Egg Laying Contest,
Experimental Farm, Agassiz, B.C.

CANADIAN EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|-----|--|---------|----------|-------|------|------|------|------|------|------|-------|------|-------|-------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. R. Stork, St. Catharines, Ont. | B.R. | *188 | 159 | 115 | *176 | *149 | 194 | 168 | 176 | 202 | 154 | ..... | 1,681 |
| 2 | Rev. H. A. E. Clarke, Maberly, Ont. | B.R. | * 96 | *124 | 110 | *134 | 126 | 109 | 155 | 239 | 197 | 191 | ..... | 1,481 |
| 3 | G. E. Hall, Trafalgar, Ont. | B.R. | *157 | 239 | 71 | 223 | 237 | 166 | 192 | 221 | 152 | 250 | ..... | 1,903 |
| 4 | Mrs. H. Poehlman, Collingwood, Ont. | B.R. | 228 | 147 | 217 | 129 | *208 | 223 | 173 | 240 | 88 | 186 | ..... | 1,839 |
| 5 | Mitchell Bros, Landsowne, Ont. | B.R. | 199 | 173 | 230 | 171 | 122 | 169 | 195 | 157 | 178 | 115 | ..... | 1,709 |
| 6 | M. T. Armitage, Sherbrooke, Que. | B.R. | 140 | 138 | 167 | 116 | 155 | *151 | 165 | 48 | 96 | 179 | ..... | 1,355 |
| 7 | Invicta Farm, Oromocto, N.B. | B.R. | 233 | 218 | 65 | 207 | 173 | 226 | 135 | 192 | 182 | 199 | ..... | 1,830 |
| 8 | W. E. B. Tait, Dorchester, N.B. | B.R. | 102 | 193 | 186 | 229 | 171 | *210 | 125 | 197 | 227 | 168 | ..... | 1,898 |
| 9 | W. J. Johnston, Meaford, Ont. | B.R. | 227 | 229 | 204 | 207 | 199 | 223 | 203 | 200 | 161 | 134 | ..... | 1,987 |
| 10 | F. J. French, Newmarket, Ont. | B.R. | 238 | 107 | 231 | 250 | 156 | 179 | 187 | 209 | 244 | 191 | ..... | 1,992 |
| 11 | Miss M. Holdsworth, Port Hope, Ont. | B.R. | 217 | 170 | *248 | 187 | 187 | 180 | 212 | * 42 | 202 | *159 | ..... | 1,804 |
| 12 | Elmhurst Poultry Farm, Montreal-West, Que. | B.R. | *160 | 122 | 133 | 235 | 177 | 228 | *118 | 136 | *206 | 171 | ..... | 1,686 |
| 13 | F. Ferguson, St. Louis, Mo., U.S.A. | B.R. | *214 | 140 | 192 | 205 | 212 | 123 | 200 | 173 | 194 | 186 | ..... | 1,837 |
| 14 | A. Hamburger, Webster Grove, Mo., U.S.A. | B.R. | *270 | *216 | 230 | 185 | *190 | 271 | 230 | 204 | 150 | 172 | ..... | 2,118 |
| 15 | H. E. Dennison, East Lansing, Mich., U.S.A. | B.R. | *196 | 274 | 155 | 220 | 221 | *191 | 221 | *156 | 215 | 167 | ..... | 2,016 |
| 16 | Culps Poultry Farm, Berkeley, Ont. | B.R. | 281 | 277 | 276 | 238 | 206 | 181 | 248 | 174 | 152 | 164 | ..... | 2,197 |
| 17 | Neff Bros, Simcoe, Ont. | B.R. | 169 | * 171 | 176 | 244 | 282 | 175 | 140 | 160 | 198 | 127 | ..... | 1,846 |
| 18 | W. E. L. Coleman, Ottawa, Ont. | B.R. | 112 | 175 | 157 | 113 | 194 | 124 | 116 | 148 | 132 | 146 | ..... | 1,417 |
| 19 | J. R. Baker, Batteau, Ont. | B.R. | 211 | 178 | 171 | 182 | *162 | *117 | 147 | D 10 | 97 | 184 | ..... | 1,459 |
| 20 | Mich Poultry Farm, East Lansing, Mich., U.S.A. | B.R. | 202 | 160 | 232 | *141 | 134 | 187 | 240 | 156 | 160 | 146 | ..... | 1,758 |
| 21 | John T. Duncan, Brussels, Ont. | S.C. | 210 | 173 | 169 | *213 | 139 | 204 | 158 | 174 | 149 | 158 | ..... | 1,747 |
| 22 | Mrs. C. H. Moore, Dundas, Ont. | S.C. | 82 | 143 | 139 | 71 | 114 | *192 | 203 | 171 | *114 | 27 | ..... | 1,256 |
| 23 | D. D. Dowding, Howick, Que. | R.I.R. | 197 | 206 | 186 | 148 | 102 | * 97 | 162 | 179 | 186 | 149 | ..... | 1,612 |
| 24 | H. E. Dennison, East Lansing, Mich., U.S.A. | W.W. | 128 | 92 | 172 | 160 | *139 | *149 | 116 | 149 | *151 | 97 | ..... | 1,353 |
| 25 | A. Scharf, Cummings Bridge, Ont. | W.W. | 178 | 134 | 190 | 155 | 116 | 196 | 140 | 150 | 95 | 136 | ..... | 1,490 |
| 26 | C. W. Robbins, Chilliwaek, B.C. | B.O. | 161 | 114 | 116 | 143 | 61 | *131 | 172 | D 41 | D 51 | D 34 | ..... | 1,024 |
| 27 | G. and W. Ratz, Tavistock, Ont. | R.C.A. | 159 | *168 | 181 | 203 | 199 | 172 | 145 | *195 | 215 | *155 | ..... | 1,792 |
| 28 | G. and W. Ratz, Tavistock, Ont. | S.C.A. | 133 | *115 | 134 | 117 | 169 | *128 | 124 | 160 | 172 | *117 | ..... | 1,369 |
| 29 | Dr. J. A. Stewart, Montreal, Que. | S.C.A. | 160 | 137 | 185 | 168 | 86 | 110 | 136 | 150 | 176 | 128 | ..... | 1,436 |
| 30 | L. W. Armstrong, Minesing, Ont. | S.C.A. | 108 | 121 | *135 | 164 | 137 | 188 | 151 | 181 | 147 | 166 | ..... | 1,498 |
| 31 | N. H. Gamp, New Hamburg, Ont. | S.C.A. | 179 | 189 | * 97 | *195 | 134 | 117 | 163 | 147 | 202 | 152 | ..... | 1,575 |
| 32 | T. H. Brim, Sardis, C. | B.A. | 183 | 137 | 200 | 140 | 148 | 118 | 183 | 190 | 175 | 169 | ..... | 1,643 |
| 33 | Elmhurst Poultry Farm, Montreal-West, Que. | W.L. | 146 | 115 | 177 | 103 | *182 | *143 | *112 | 131 | *206 | 213 | ..... | 1,528 |
| 34 | G. S. Dundas, Markdale, Ont. | W.L. | 190 | 142 | 183 | 211 | 201 | *107 | 196 | 192 | 231 | *107 | ..... | 1,760 |
| 35 | Mountain View Poultry Farm, Rutland, Vt., U.S.A. | W.L. | 100 | 166 | 114 | *174 | 110 | 192 | 176 | 104 | 135 | 200 | ..... | 1,461 |
| 36 | Dr. I. H. Ante, Richmond Hill, Ont. | W.L. | ..... | 194 | *159 | 161 | 127 | 139 | 173 | 169 | ..... | 176 | ..... | 1,298 |
| 37 | Lewis N. Clark, Port Hope, Ont. | W.L. | 265 | 294 | *291 | 178 | *249 | 275 | 226 | *197 | 270 | 253 | ..... | 2,498 |
| 38 | C. A. Wood, Peterboro, Ont. | W.L. | 143 | 152 | 149 | 199 | 133 | 150 | 147 | 221 | 231 | 150 | ..... | 1,675 |
| 39 | P. Darbey & Son, Hammond, B.C. | W.L. | *119 | *164 | 238 | *150 | 180 | D 48 | 174 | 193 | *150 | 200 | ..... | 1,616 |
| 40 | W. M. Alcorn, Port Hammond, B.C. | W.L. | 70 | 231 | 150 | * 82 | 117 | 221 | 179 | 184 | 117 | *196 | ..... | 1,547 |
| 41 | Russell Sulley, Courtice, Ont. | W.L. | 190 | 203 | 198 | 198 | 233 | *181 | 145 | 173 | 153 | 198 | ..... | 1,872 |
| 42 | J. M. Thompson, Napanee, Ont. | W.L. | 191 | 200 | 139 | 233 | 186 | 177 | 199 | 208 | 160 | *164 | ..... | 1,857 |
| 43 | Dr. J. A. Stewart, Montreal, Que. | W.L. | 204 | 173 | 131 | 170 | 142 | 178 | 214 | 63 | 15 | 148 | ..... | 1,438 |

CANADIAN EGG LAYING CONTEST.

LIST OF ENTRANTS—Concluded

With individual and total production 1921-22... *Concluded*

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---|---------|----------|------|------|------|------|------|------|------|------|-------|-------|---------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 44 | John Watson, Howick, Que. | W.L.... | 153 | 224 | 131 | 189 | * 53 | *185 | 185 | 110 | 169 | 223 | ..... | 1,622 |
| 45 | J. R. McMullen, Port Dover, Ont..... | W.L.... | 133 | 198 | 200 | 175 | 211 | 139 | 201 | 193 | 164 | 163 | ..... | 1,777 |
| 46 | Dr. W. B. Linscott, Brant- ford, Ont..... | W.L.... | 195 | *158 | 176 | 167 | 188 | 122 | 183 | 136 | 140 | 152 | ..... | 1,617 |
| 47 | G. E. Hall, Trafalgar, Ont. | W.L.... | 186 | *132 | 218 | 219 | 155 | 179 | 178 | 116 | 184 | 189 | ..... | 1,756 |
| 48 | W. J. Richardson, Caledo- nia, Ont..... | W.L.... | 226 | 103 | 4 | 126 | 180 | 199 | 168 | *190 | 152 | ..... | ..... | 1,348 |
| 49 | J. W. Butler, Pointe aux Trembles..... | W.L.... | *135 | 145 | 191 | 177 | 143 | 142 | 177 | 231 | 155 | 152 | ..... | 1,648 |
| 50 | C. G. Ream, Lancaster, Pe., U.S.A..... | W.L.... | 155 | 182 | 181 | 138 | 148 | 157 | 157 | 159 | 114 | 223 | ..... | 1,614 |
| 51 | Credit Vale Poultry Farm, Streetsville, Ont..... | W.L.... | 38 | 69 | 178 | *158 | 116 | *144 | *126 | D139 | 114 | 130 | ..... | 1,212 |
| 52 | J. S. Westmoreland, Guelph, Ont..... | W.L.... | 203 | *168 | *175 | 170 | 222 | *196 | *152 | 116 | *207 | *187 | ..... | 1,796 |
| 53 | I. I. Blackourne, Salmon Arm, B.C..... | W.L.... | 243 | 248 | 196 | 243 | 139 | 168 | 133 | 71 | 158 | 148 | ..... | 1,747 |
| 54 | Ontario Agricultural Col- lege, Guelph, Ont..... | W.L.... | 197 | 204 | *217 | 98 | 244 | 215 | 141 | 181 | 233 | 195 | ..... | 1,925 |
| 55 | Exp. Farm, Ottawa, Ont. | W.L.... | 192 | 175 | *193 | *224 | 200 | 213 | 213 | 209 | 208 | 233 | ..... | 2,060 |
| 56 | Ontario Agricultural Col- lege, Guelph, Ont..... | B.R.... | 183 | 80 | 236 | 233 | 195 | 252 | 123 | 215 | 206 | 239 | ..... | 1,962 |
| 57 | Exp. Farm, Lethbridge, Alta..... | B.R.... | 235 | 154 | 196 | 153 | *134 | *155 | 25 | 104 | 214 | D172 | ..... | 1,542 |
| 58 | Dept. Agriculture Edmon- ton, Edmonton..... | B.R.... | 163 | 209 | 219 | 102 | 235 | 118 | *140 | 121 | 152 | *185 | ..... | 1,644 |
| 59 | Exp. Farm, Ottawa, Ont. | B.R.... | 180 | 184 | 198 | 154 | *135 | 218 | 27 | 122 | 111 | 109 | ..... | 1,438 |
| 60 | Exp. Farm, Sidney, B.C... | W.W.... | 98 | *181 | 63 | 110 | 177 | 162 | 91 | 195 | 183 | 150 | ..... | 1,410 |
| Total..... | | | | | | | | | | | | | | 100,281 |

*—Production of more than one bird.

D—Dead but not substituted.

CANADIAN EGG LAYING CONTEST, OTTAWA.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen number | Scratch grain | Meal mixture | Meat feed | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|--------------|---------------|--------------|-----------|------------|--------|---------|----------|------------|-----------|----------|----------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | \$ c. | \$ c. | \$ c. | c. |
| 1..... | 533.0 | 219.75 | 41.25 | 241 | 650 | 22.25 | 72.75 | 24 30 | 1,681 | 64 57 | 40 27 | 17.2 |
| 2..... | 522.25 | 213.25 | 37.50 | 241 | 650 | 39.0 | 51.75 | 23 53 | 1,481 | 60 38 | 36 85 | 19.2 |
| 3..... | 540.0 | 234.25 | 26.0 | 241 | 650 | 23.75 | 60.0 | 23 76 | 1,908 | 76 22 | 52 46 | 14.8 |
| 4..... | 555.0 | 180.25 | 37.75 | 241 | 650 | 24.0 | 67.50 | 23 58 | 1,839 | 70 96 | 47 38 | 15.3 |
| 5..... | 503.25 | 286.00 | 50.0 | 241 | 650 | 51.50 | 83.50 | 26 04 | 1,709 | 62 20 | 36 16 | 18.2 |
| 6..... | 509.5 | 290.75 | 39.0 | 241 | 650 | 33.50 | 73.0 | 25 37 | 1,355 | 49 09 | 23 72 | 22.8 |
| 7..... | 510.25 | 212.0 | 46.75 | 241 | 650 | 24.75 | 51.50 | 23 74 | 1,830 | 75 35 | 51 61 | 15.6 |
| 8..... | 537.25 | 283.0 | 51.0 | 241 | 650 | 47.25 | 69.50 | 26 58 | 1,898 | 72 05 | 45 47 | 16.8 |
| 9..... | 505.75 | 327.25 | 46.75 | 241 | 650 | 41.0 | 56.25 | 26 45 | 1,987 | 81 76 | 55 31 | 15.6 |
| 10..... | 517.50 | 317.0 | 45.50 | 241 | 650 | 33.0 | 50.50 | 28 24 | 1,992 | 79 39 | 51 15 | 16.8 |
| 11..... | 547.0 | 228.75 | 52.0 | 241 | 650 | 24.75 | 58.0 | 26 69 | 1,804 | 72 17 | 45 48 | 17.7 |
| 12..... | 531.25 | 296.25 | 45.0 | 241 | 650 | 39.0 | 60.75 | 28 07 | 1,686 | 67 47 | 39 40 | 19.9 |
| 13..... | 524.75 | 230.0 | 43.0 | 241 | 650 | 13.25 | 52.50 | 24 15 | 1,837 | 72 19 | 48 04 | 15.6 |
| 14..... | 545.0 | 218.75 | 33.75 | 241 | 650 | 24.50 | 36.75 | 25.03 | 2,118 | 84 80 | 59 77 | 14.1 |
| 15..... | 528.25 | 274.75 | 42.25 | 241 | 650 | 19.75 | 42.50 | 25 18 | 2,016 | 86 81 | 61 63 | 14.8 |
| 16..... | 518.0 | 231.50 | 52.0 | 241 | 650 | 46.50 | 73.75 | 26 47 | 2,197 | 88 33 | 61 86 | 14.4 |
| 17..... | 522.50 | 237.25 | 44.50 | 241 | 650 | 20.25 | 44.25 | 24 36 | 1,846 | 76 97 | 52 61 | 15.6 |
| 18..... | 526.75 | 198.0 | 46.25 | 241 | 650 | 37.25 | 43.0 | 23 77 | 1,417 | 51 58 | 27 81 | 20.0 |
| 19..... | 531.25 | 226.25 | 45.50 | 241 | 650 | 25.0 | 44.50 | 24 40 | 1,459 | 60 69 | 36 29 | 20.0 |
| 20..... | 526.0 | 238.25 | 45.50 | 241 | 650 | 17.75 | 67.50 | 24 73 | 1,758 | 67 46 | 42 73 | 16.8 |
| 21..... | 516.75 | 299.25 | 25.50 | 241 | 650 | 52.25 | 57.0 | 24 91 | 1,747 | 67 73 | 42 82 | 16.8 |
| 22..... | 501.0 | 209.75 | 32.0 | 241 | 650 | 14.0 | 32.0 | 22 37 | 1,256 | 48 93 | 26 56 | 20.4 |
| 23..... | 520.0 | 198.0 | 25.25 | 241 | 650 | 27.25 | 46.25 | 22 36 | 1,612 | 67 25 | 44 89 | 16.8 |
| 24..... | 488.0 | 322.75 | 28.25 | 241 | 650 | 19.0 | 34.50 | 28 93 | 1,353 | 52 16 | 23 23 | 25.2 |
| 25..... | 542.0 | 199.0 | 31.25 | 241 | 650 | 36.0 | 42.0 | 23 22 | 1,490 | 57 14 | 33 92 | 18.7 |
| 26..... | 513.0 | 210.25 | 36.75 | 241 | 650 | 22.50 | 53.25 | 24 50 | 1,024 | 39 53 | 15 03 | 28.8 |
| 27..... | 473.75 | 170.0 | 32.75 | 241 | 650 | 11.50 | 46.0 | 20 98 | 1,792 | 71 65 | 50 67 | 13.9 |
| 28..... | 454.0 | 188.75 | 23.50 | 241 | 650 | 7.25 | 37.0 | 20 38 | 1,369 | 51 35 | 30 97 | 18.0 |
| 29..... | 430.0 | 178.75 | 28.25 | 241 | 650 | 21.75 | 38.50 | 20 05 | 1,436 | 54 62 | 34 57 | 18.0 |
| 30..... | 432.0 | 190.25 | 32.50 | 241 | 650 | 23.0 | 37.0 | 20 67 | 1,498 | 56 58 | 35 91 | 16.5 |
| 31..... | 478.0 | 181.25 | 24.75 | 241 | 650 | 15.0 | 39.0 | 20 16 | 1,575 | 67 38 | 47 22 | 15.3 |
| 32..... | 487.0 | 246.50 | 37.25 | 241 | 650 | 38.0 | 51.75 | 22 49 | 1,643 | 61 35 | 38 86 | 16.4 |
| 33..... | 481.0 | 231.75 | 33.0 | 241 | 650 | 29.25 | 38.50 | 24 09 | 1,528 | 59 64 | 35 55 | 18.0 |
| 34..... | 493.5 | 270.5 | 27.75 | 241 | 650 | 15.50 | 42.0 | 23 21 | 1,760 | 71 74 | 48 53 | 15.6 |
| 35..... | 501.5 | 250.75 | 40.50 | 241 | 650 | 35.0 | 47.0 | 24 08 | 1,461 | 61 70 | 37 62 | 19.8 |
| 36..... | 485.25 | 192.50 | 27.0 | 241 | 650 | 21.25 | 29.25 | 21 37 | 1,298 | 49 09 | 27 72 | 19.6 |
| 37..... | 480.50 | 235.75 | 31.50 | 241 | 650 | 17.0 | 50.50 | 22 49 | 2,498 | 103 27 | 80 78 | 10.8 |
| 38..... | 456.75 | 232.25 | 25.25 | 241 | 650 | 24.75 | 48.75 | 22 45 | 1,675 | 62 15 | 39 70 | 16.0 |
| 39..... | 491.0 | 174.5 | 21.0 | 241 | 650 | 23.0 | 42.25 | 20 88 | 1,616 | 64 99 | 44 11 | 15.4 |
| 40..... | 511.5 | 204.25 | 29.0 | 241 | 650 | 43.0 | 52.0 | 23 97 | 1,547 | 60 64 | 36 67 | 18.6 |
| 41..... | 483.50 | 273.25 | 29.75 | 241 | 650 | 32.75 | 56.75 | 23 71 | 1,872 | 71 38 | 47 67 | 15.3 |
| 42..... | 495.75 | 196.0 | 18.50 | 241 | 650 | 16.0 | 51.25 | 22 55 | 1,857 | 72 34 | 49 79 | 14.4 |
| 43..... | 479.0 | 183.50 | 14.25 | 241 | 650 | 18.50 | 33.75 | 21 61 | 1,438 | 54 28 | 32 67 | 18.0 |
| 44..... | 491.5 | 187.50 | 27.50 | 241 | 650 | 25.0 | 35.75 | 21 62 | 1,622 | 66 83 | 45 21 | 15.9 |
| 45..... | 493.75 | 178.50 | 31.50 | 241 | 650 | 18.0 | 39.50 | 21 56 | 1,777 | 67 03 | 45 47 | 14.4 |
| 46..... | 442.0 | 241.50 | 29.75 | 241 | 650 | 49.0 | 48.25 | 23 63 | 1,617 | 59 00 | 35 37 | 17.5 |
| 47..... | 502.5 | 208.75 | 22.75 | 241 | 650 | 26.75 | 38.50 | 21 96 | 1,756 | 64 54 | 42 58 | 15.0 |
| 48..... | 462.75 | 234.50 | 32.25 | 241 | 650 | 38.0 | 36.0 | 22 35 | 1,348 | 52 44 | 30 09 | 19.9 |
| 49..... | 461.25 | 220.0 | 21.75 | 241 | 650 | 28.50 | 37.50 | 21 32 | 1,648 | 63 49 | 42 17 | 15.0 |
| 50..... | 441.25 | 253.5 | 18.25 | 241 | 650 | 32.75 | 39.75 | 23 04 | 1,614 | 60 69 | 37 65 | 17.0 |
| 51..... | 447.75 | 144.75 | 17.0 | 241 | 650 | 21.75 | 25.25 | 19 72 | 1,212 | 46 84 | 27 12 | 19.2 |
| 52..... | 473.0 | 272.25 | 16.25 | 241 | 650 | 25.0 | 41.0 | 24 13 | 1,796 | 69 83 | 45 70 | 16.8 |
| 53..... | 467.50 | 268.75 | 23.50 | 241 | 650 | 52.75 | 36.75 | 22 84 | 1,747 | 71 92 | 49 08 | 15.6 |
| 54..... | 453.25 | 243.0 | 30.25 | 241 | 650 | 26.75 | 34.50 | 22 15 | 1,925 | 73 85 | 51 70 | 13.8 |
| 55..... | 476.50 | 240.25 | 26.0 | 241 | 650 | 28.75 | 38.75 | 22 37 | 2,060 | 81 84 | 59 47 | 12.9 |
| 56..... | 526.75 | 274.0 | 35.25 | 241 | 650 | 43.75 | 38.50 | 26 53 | 1,962 | 78 51 | 51 98 | 16.2 |
| 57..... | 545.25 | 250.5 | 32.75 | 241 | 650 | 31.50 | 34.50 | 24 41 | 1,542 | 62 30 | 37 89 | 15.9 |
| 58..... | 541.0 | 264.0 | 35.25 | 241 | 650 | 56.50 | 35.25 | 24 32 | 1,644 | 66 21 | 41 89 | 17.7 |
| 59..... | 555.5 | 186.25 | 36.75 | 241 | 650 | 46.0 | 32.25 | 23 50 | 1,438 | 55 01 | 31 51 | 19.2 |
| 60..... | 506.75 | 259.0 | 35.50 | 241 | 650 | 43.75 | 43.75 | 24 20 | 1,410 | 55 99 | 31 79 | 20.4 |
| Total..... | 30,017.50 | 13,819.75 | 1,999.0 | 14,460 | 39,000 | 1,771.0 | 2,801.75 | 1,415 52 | 100,281 | 3,943 65 | 2,528 13 | ..... |
| Average..... | 500.25 | 230.3 | 33.3 | 241 | 650 | 29.5 | 46.69 | 23.59 | 16 71 | 65 72 | 42 13 | 17.0 |

PRINCE EDWARD ISLAND EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---------------------------------------|---------|----------|------|------|------|------|------|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Mrs. D. J. Carmichael, Peakes..... | W.L.... | 117 | 144 | 135 | 118 | 122 | 82 | 133 | 85 | 157 | 166 | 9 | 1,268 |
| 2 | J. B. Millman, Kensington. | B.R.... | 167 | 171 | 178 | 205 | 168 | 175 | 124 | * 81 | 138 | 143 | 9 | 1,559 |
| 3 | H. S. Moase, Kensington... | W.L.... | 107 | 109 | 132 | 82 | 135 | 67 | 81 | 125 | 53 | 133 | 52 | 1,076 |
| 4 | Harry Hyde, Cornwall.... | B.R.... | D 37 | *113 | 113 | D 75 | 56 | *109 | 14 | D 67 | * 83 | 51 | 13 | 731 |
| 5 | Mrs. F. Dingwell, Bear River..... | W.L.... | 174 | 131 | 124 | 135 | 121 | 64 | 90 | * 83 | 95 | 143 | 5 | 1,165 |
| 6 | H. L. Machon, Murray Harbour..... | B.R.... | 177 | 189 | 167 | 108 | 83 | D 49 | 139 | 157 | 186 | 46 | 10 | 1,311 |
| 7 | George T. Seymour, Bedeque..... | W.L.... | 176 | 47 | D 61 | D | D 47 | 95 | 65 | 104 | D 73 | 42 | ..... | 710 |
| 8 | George T. Seymour, Bedeque..... | W.W.... | 80 | D 30 | D 38 | D 73 | D 53 | 91 | D 40 | * 53 | 110 | D | 2 | 570 |
| 9 | Mrs. R. W. Bullpitt, Cardigan..... | W.L.... | 199 | 111 | 128 | 165 | 190 | 127 | 119 | 140 | 180 | 185 | 18 | 1,562 |
| 10 | Pendleton Bros, Suffolk..... | B.R.... | 81 | 166 | 123 | 138 | 181 | 141 | 144 | 165 | 229 | 103 | 7 | 1,478 |
| 11 | Everett Howatt, Tryon..... | W.L.... | 103 | 215 | 133 | 196 | 200 | *115 | 114 | * 55 | 145 | 178 | 16 | 1,470 |
| 12 | J. S. Schurman, North Bedeque..... | W.L.... | *156 | 134 | 182 | 138 | 105 | 180 | 176 | 185 | 92 | *100 | 10 | 1,458 |
| 13 | William Neale, Bear River. | W.L.... | 161 | 90 | 121 | 112 | 99 | 116 | 104 | 155 | 106 | 179 | 8 | 1,251 |
| 14 | Mrs. J. J. McLennan, Grand River..... | W.W.... | 190 | 138 | 126 | D123 | D134 | 139 | 134 | 144 | 65 | 115 | 6 | 1,314 |
| 15 | Cornelius McLennan, Arlingington..... | W.L.... | 98 | 68 | 125 | 39 | 52 | 170 | 89 | 58 | 93 | D 52 | 16 | 860 |
| 16 | F. W. Woolley, Bedeque..... | W.L.... | 218 | 77 | 203 | 179 | 139 | 150 | 79 | 163 | 122 | 126 | 7 | 1,463 |
| 17 | Mrs. R. G. McLaren, New Perth..... | B.R.... | 64 | 135 | 176 | 115 | 122 | 163 | 189 | 140 | 125 | 118 | 13 | 1,360 |
| 18 | Exp. Station, Charlottetown..... | W.L.... | 140 | 145 | 111 | 162 | 163 | 163 | 160 | *141 | 90 | 154 | 4 | 1,433 |
| 19 | Exp. Station, Charlottetown..... | W.L.... | 208 | 125 | 202 | 191 | 124 | *130 | 175 | 157 | 91 | 167 | 10 | 1,580 |
| 20 | Exp. Station, Charlottetown..... | W.L.... | 162 | 158 | 157 | 141 | 170 | 141 | 170 | 130 | 161 | 157 | 6 | 1,553 |
| Total..... | | | | | | | | | | | | | | 25,172 |

*—Production of more than one bird.
D—Dead but not substituted.

PRINCE EDWARD ISLAND EGG LAYING CONTEST, CHARLOTTETOWN.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen number | Scratch grain | Meal mixture | Green feed | Milk | Grit | Shell | Char-coal | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|-------|-------|-------|-----------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | cts. |
| 1..... | 526 | 200 | 139 | 68 | 31.5 | 33.5 | 1.0 | 19 60 | 1,268 | 29 69 | ..... | 10 09 | 18 |
| 2..... | 634 | 294 | 140 | 68 | 39.5 | 40.0 | 1.5 | 25 01 | 1,559 | 37 47 | ..... | 12 47 | 19 |
| 3..... | 526 | 201 | 140 | 68 | 27.5 | 27.5 | 0.25 | 19 49 | 1,076 | 23 95 | ..... | 4 46 | 21 |
| 4..... | 561 | 196 | 140 | 68 | 26.5 | 22.5 | 0.25 | 20 26 | 731 | 16 56 | 3 70 | ..... | 3 |
| 5..... | 478 | 188 | 127 | 61 | 23.5 | 27.0 | 0.25 | 17 74 | 1,165 | 28 27 | ..... | 10 53 | 18 |
| 6..... | 568 | 223 | 140 | 68 | 38.5 | 36.0 | 1.0 | 21 43 | 1,311 | 31 03 | ..... | 9 60 | 19 |
| 7..... | 469 | 210 | 138 | 68 | 25.5 | 24.0 | 1.0 | 18 59 | 710 | 17 62 | 0 97 | ..... | 31 |
| 8..... | 437 | 212 | 140 | 68 | 16.5 | 22.0 | 0.25 | 17 76 | 570 | 15 13 | 2 63 | ..... | 37 |
| 9..... | 565 | 289 | 140 | 68 | 30.0 | 37.5 | 0.5 | 23 06 | 1,562 | 38 48 | ..... | 15 42 | 17 |
| 10..... | 601 | 304 | 140 | 68 | 29.5 | 37.0 | 0.50 | 24 30 | 1,478 | 36 51 | ..... | 12 21 | 19 |
| 11..... | 546 | 265 | 140 | 68 | 20.5 | 37.0 | 0.25 | 21 96 | 1,470 | 39 72 | ..... | 17 76 | 17 |
| 12..... | 567 | 247 | 139 | 68 | 28.5 | 37.0 | 1.5 | 22 00 | 1,458 | 36 82 | ..... | 14 82 | 18 |
| 13..... | 468 | 202 | 127 | 62 | 24.5 | 23.5 | 0.25 | 17 97 | 1,251 | 30 90 | ..... | 12 93 | 17 |
| 14..... | 596 | 255 | 140 | 68 | 33.5 | 32.0 | 1.0 | 22 92 | 1,314 | 33 11 | ..... | 10 19 | 20 |
| 15..... | 506 | 241 | 140 | 68 | 28.5 | 25.5 | 0.25 | 20 19 | 860 | 19 36 | 0.83 | ..... | 28 |
| 16..... | 536 | 247 | 138 | 68 | 28.5 | 34.0 | 1.5 | 21 02 | 1,463 | 38 09 | ..... | 17 07 | 17 |
| 17..... | 566 | 294 | 140 | 68 | 34.5 | 41.0 | 1.0 | 23 36 | 1,360 | 30 22 | ..... | 6 86 | 20 |
| 18..... | 540 | 257 | 136 | 68 | 24.5 | 32.5 | 0.25 | 21 38 | 1,433 | 35 20 | ..... | 13 82 | 17 |
| 19..... | 533 | 256 | 138 | 68 | 31.5 | 38.0 | 1.0 | 21 37 | 1,580 | 40 96 | ..... | 19 59 | 16 |
| 20..... | 547 | 269 | 140 | 68 | 36.5 | 38.0 | 0.75 | 22 16 | 1,553 | 37 42 | ..... | 15 26 | 17 |
| Total.... | 10,770 | 4,850 | 2,762 | 1,347 | 579.5 | 645.5 | 14.25 | 421 57 | 25,172 | 616 51 | 8.13 | 203 08 | |
| Average..... | 538.5 | 242.5 | 138.1 | 67.3 | 28.9 | 32.2 | 0.7 | 21 07 | 1,258 | 30 82 | ..... | 10 15 | 20 |

NOVA SCOTIA EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|---------|----------|------|------|-----|------|------|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | E. N. Smith, Shinemacas, Bridge | B.R.... | 54 | 43 | 213 | 153 | 107 | 104 | 125 | 115 | 146 | 122 | 92 | 1,274 |
| 2 | Lawson Lowe, Amherst.... | B.R.... | 187 | 113 | 127 | 213 | 90 | 156 | 173 | 217 | 129 | D117 | 112 | 1,614 |
| 3 | Exp. Station, Kentville.... | B.R.... | D 69 | 146 | 114 | 142 | 175 | D 5 | D 1 | D 82 | 188 | 75 | 67 | 1,064 |
| 4 | Exp. Farm, Nappan..... | B.R.... | *159 | *101 | 182 | 219 | 174 | 153 | *118 | 249 | D129 | * 54 | 53 | 1,591 |
| 5 | Exp. Farm, Nappan..... | B.R.... | 148 | D126 | *116 | 171 | *126 | 205 | D111 | D 90 | 67 | * 90 | 74 | 1,324 |
| 6 | Exp. Farm, Nappan..... | B.R.... | D 41 | 198 | *173 | 45 | 216 | D 76 | D 71 | 225 | 196 | 152 | 43 | 1,436 |
| 7 | F. W. Black, Amherst.... | B.R.... | 99 | 200 | 105 | 197 | 177 | 162 | 127 | 140 | 201 | 178 | 49 | 1,635 |
| 8 | Thos. Hooper, Truro, N.S. | W.W.... | 60 | 115 | 182 | 133 | 102 | 131 | 52 | 51 | 188 | 43 | 83 | 1,140 |
| 9 | Exp. Farm, Nappan..... | B.R.... | D125 | 190 | 227 | 100 | 150 | D125 | 144 | 208 | 254 | D 99 | 32 | 1,753 |
| 10 | Miss H. W. Dunn, Upper Kennetcook..... | B.R.... | 126 | 14 | 179 | 88 | 213 | 154 | * 35 | 133 | 131 | 170 | 127 | 1,370 |
| 11 | Mrs. E. Tuttle, Pugwash.. | B.R.... | 180 | 183 | 187 | 131 | 195 | 165 | 163 | 154 | 151 | 102 | 69 | 1,680 |
| 12 | W. S. Anderson, Pugwash.. | B.R.... | 171 | 154 | 143 | 84 | 144 | 139 | 177 | 216 | 139 | 156 | 58 | 1,581 |
| 13 | F. Cochrane, Amherst.... | B.R.... | 203 | 144 | 211 | 146 | 191 | 159 | 167 | 206 | 228 | *190 | 70 | 1,915 |
| 14 | W. G. Borrett, Darmouth.. | R.C.... | | | | | | | | | | | | |
| | | W.L.... | 55 | 74 | 129 | 144 | 112 | 98 | 98 | *121 | 120 | 45 | 37 | 1,033 |
| 15 | R. T. VanAmberg, Oxford.. | S.C.... | 175 | 140 | 111 | 90 | 81 | 114 | 106 | 105 | 115 | 122 | 45 | 1,204 |
| 16 | R. T. VanAmberg, Oxford.. | B.R.... | 161 | 130 | 103 | 105 | D 1 | 98 | D133 | 118 | D 24 | D121 | 15 | 1,009 |
| 17 | Parry & Sim, Billtown.... | S.C.... | | | | | | | | | | | | |
| | | B.L.... | 157 | 138 | 152 | 140 | 152 | 159 | 76 | 47 | 141 | 108 | 50 | 1,321 |
| 18 | V. G. Fuller, Amherst.... | S.C.... | | | | | | | | | | | | |
| | | W.L.... | 149 | 8 | 149 | 155 | 179 | D 6 | 128 | 133 | 122 | 125 | 115 | 1,269 |
| 19 | F. Cochrane, Amherst.... | B.R.... | 141 | D 77 | 191 | 102 | 108 | *174 | 212 | 128 | 150 | D | 42 | 1,325 |
| 20 | Exp. Station, Kentville.... | B.R.... | 153 | 135 | 104 | 40 | 90 | 100 | * 84 | *132 | * 89 | *165 | 36 | 1,128 |
| Total..... | | | | | | | | | | | | | | 27,666 |

*—Production of more than one bird.

D—Dead but not substituted.

NOVA SCOTIA EGG LAYING CONTEST, NAPPAN.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen number | Scratch grain | Meal mixture | Meat feed | Green feed | Grit | Shell | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|--------------|---------------|--------------|-----------|------------|-------|-------|------------|-----------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | cts. |
| 1..... | 648-0 | 337-0 | 48-0 | 147-0 | 28-0 | 68-0 | 30 39 | 1,274 | 37 00 | 6 61 | 28 |
| 2..... | 656-5 | 410-5 | 47-5 | 147-0 | 23-0 | 34-5 | 30 06 | 1,614 | 50 05 | 19 99 | 22 |
| 3..... | 610-0 | 250-5 | 66-0 | 143-5 | 25-0 | 27-5 | 25 98 | 1,064 | 31 27 | 4 35 | 29 |
| 4..... | 613-0 | 375-5 | 49-0 | 148-0 | 20-0 | 29-0 | 28 00 | 1,591 | 55 95 | 22 95 | 21 |
| 5..... | 624-0 | 434-5 | 76-5 | 148-0 | 22-0 | 23-5 | 31 66 | 1,324 | 42 00 | 10 34 | 31 |
| 6..... | 617-5 | 416-5 | 77-5 | 148-0 | 19-5 | 32-5 | 31 24 | 1,436 | 45 94 | 14 70 | 26 |
| 7..... | 635-0 | 346-5 | 54-0 | 148-0 | 22-0 | 41-0 | 28 46 | 1,635 | 49 54 | 21 08 | 20 |
| 8..... | 581-5 | 249-5 | 28-0 | 148-0 | 17-0 | 30-5 | 22 60 | 1,140 | 32 87 | 10 27 | 23 |
| 9..... | 630-0 | 428-5 | 37-0 | 148-0 | 22-0 | 31-5 | 29 03 | 1,753 | 57 58 | 28 55 | 19 |
| 10..... | 616-5 | 405-5 | 39-0 | 148-0 | 27-0 | 30-5 | 28 46 | 1,370 | 39 63 | 11 17 | 24 |
| 11..... | 654-0 | 406-5 | 67-5 | 148-0 | 38-0 | 58-5 | 32 09 | 1,680 | 49 53 | 17 44 | 22 |
| 12..... | 672-0 | 380-5 | 72-0 | 147-5 | 30-0 | 42-0 | 31 17 | 1,581 | 55 47 | 19 30 | 23 |
| 13..... | 650-5 | 411-5 | 52-0 | 147-5 | 38-0 | 45-0 | 30 32 | 1,915 | 61 94 | 31 62 | 18 |
| 14..... | 520-5 | 247-5 | 32-5 | 147-5 | 16-5 | 23-5 | 25 67 | 1,033 | 29 54 | 8 87 | 24 |
| 15..... | 535-5 | 289-5 | 35-5 | 147-5 | 11-0 | 22-0 | 23 30 | 1,204 | 35 29 | 11 99 | 23 |
| 16..... | 557-5 | 272-5 | 45-5 | 147-5 | 16-0 | 27-5 | 23 29 | 1,009 | 30 11 | 6 82 | 27 |
| 17..... | 552-0 | 284-5 | 38-5 | 147-5 | 20-0 | 21-5 | 22 86 | 1,321 | 39 30 | 16 44 | 20 |
| 18..... | 579-0 | 409-5 | 43-5 | 147-5 | 20-0 | 33-0 | 27 25 | 1,269 | 37 94 | 10 69 | 25 |
| 19..... | 605-0 | 359-5 | 40-0 | 147-5 | 19-0 | 35-5 | 26 08 | 1,325 | 42 66 | 16 58 | 23 |
| 20..... | 632-0 | 293-5 | 54-0 | 147-5 | 22-0 | 27-0 | 25 98 | 1,128 | 35 43 | 9 45 | 27 |
| Total..... | 12,190-0 | 7,009-50 | 1,003-50 | 2,949-0 | 456-0 | 684-0 | 553 89 | 27,666 | 859 04 | 269 21 | ..... |
| Average..... | 609-5 | 350-4 | 50-1 | 147-4 | 22-8 | 34-2 | 27 69 | 1,383 | 42 95 | 14 96 | 24 |

NEW BRUNSWICK EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|---------------------------------|-----------|----------|------|------|------|------|------|------|------|------|-------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | H. R. Emmerson, Dorchester. | B.R.... | 182 | * 83 | 119 | 89 | 108 | 121 | 204 | 184 | 108 | 55 | 5 | 1,258 |
| 2 | Eugene Monahan,, Elmsville. | B.R.... | 204 | 206 | 129 | *181 | 155 | 131 | 152 | 171 | *150 | 168 | 7 | 1,654 |
| 3 | C. M. Peart, Havelock. | B.R.... | *198 | 151 | 54 | 84 | 120 | D 22 | 94 | D 36 | 194 | 217 | 18 | 1,168 |
| 4 | A. T. Reid, Rollingdam Station. | B.R.... | 234 | 192 | 231 | D131 | 186 | 207 | 205 | 125 | 189 | *151 | 12 | 1,863 |
| 5 | Harry Patterson, Hoyt. | B.R.... | 132 | 191 | 207 | 87 | 112 | 125 | 141 | 87 | 59 | 193 | 2 | 1,336 |
| 6 | R. A. Snowball, Chatham. | B.R.... | 211 | 118 | 147 | 165 | 117 | 177 | 84 | 58 | 169 | ..... | 7 | 1,253 |
| 7 | N. W. Eveleigh, Sussex. | B.R.... | 117 | 146 | 108 | 189 | 93 | 26 | 123 | 119 | 197 | 167 | 10 | 1,297 |
| 8 | L. B. Johnston, Nashwasis. | B.R.... | 93 | *124 | 211 | 167 | 134 | 196 | 121 | 133 | 117 | *101 | 12 | 1,413 |
| 9 | W. E. B. Tait, Dorchester. | B.R.... | 186 | 230 | 245 | 236 | 224 | 173 | 245 | 199 | 171 | 228 | 6 | 2,143 |
| 10 | Allen & Ferguson, Fredericton. | B.R.... | 121 | 114 | 107 | 247 | 104 | 135 | 111 | *130 | 203 | 116 | 10 | 1,398 |
| 11 | G. E. Wilson, Centreville. | B.R.... | D 13 | 133 | 152 | 176 | 96 | 189 | 143 | 143 | 224 | 152 | 4 | 1,425 |
| 12 | R. A. Snowball, Chatham. | W.L.... | 158 | 220 | 162 | 94 | 188 | 157 | D 23 | 84 | *125 | 142 | 14 | 1,367 |
| 13 | Mrs. Geo. Danby, North Devon. | W.W.... | 133 | 67 | 155 | *130 | 151 | 142 | 186 | 134 | 107 | 209 | 16 | 1,429 |
| 14 | N. W. Eveleigh, Sussex. | R.I.R.... | 162 | 130 | D 72 | 102 | 35 | D 34 | 129 | 90 | 60 | 100 | 11 | 925 |
| 15 | David Rankin, Fredericton. | R.I.R.... | 193 | 111 | 145 | 188 | 124 | 88 | 185 | 87 | 134 | 209 | 7 | 1,471 |
| 16 | Exp. Station, Fredericton. | W.W.... | *111 | 118 | 142 | 75 | 118 | D 40 | *118 | 191 | 123 | 80 | 7 | 1,123 |
| 17 | Exp. Station, Fredericton. | W.W.... | 101 | 185 | 189 | 153 | 139 | * 41 | 71 | * 95 | 173 | 188 | 18 | 1,353 |
| 18 | Exp. Station, Fredericton. | B.R.... | 180 | 62 | 107 | * 96 | 124 | 188 | 189 | 214 | 30 | * 42 | 7 | 1,339 |
| 19 | Exp. Station, Fredericton. | B.R.... | 147 | 131 | 188 | 78 | * 96 | 159 | 116 | 40 | 11 | 195 | 4 | 1,165 |
| 20 | Exp. Station, Fredericton. | B.R.... | 186 | 124 | 29 | 208 | 184 | 150 | 164 | 156 | 193 | 86 | 6 | 1,486 |
| Total..... | | | | | | | | | | | | | | 27,886 |

*—Production of more than one bird.
D—Dead but not substituted.

NEW BRUNSWICK EGG LAYING CONTEST, FREDERICTON.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen Number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Char-coal | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|-------|-------|-------|-----------|------------|-----------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | cts. |
| 1..... | 602 | 277 | 3 | 291 | 446 | 40-0 | 35-0 | 0-5 | 23 67 | 1,258 | 38 16 | 14 49 | 22 |
| 2..... | 606 | 399 | 3 | 291 | 446 | 30-5 | 35-5 | 0-5 | 26 64 | 1,654 | 49 34 | 22 70 | 19 |
| 3..... | 592 | 343 | 3 | 291 | 446 | 28-5 | 30-5 | 0-50 | 24 77 | 1,188 | 38 55 | 13 78 | 25 |
| 4..... | 612 | 453 | 3 | 291 | 446 | 30-0 | 42-5 | 0-50 | 28 31 | 1,863 | 62 40 | 34 09 | 18 |
| 5..... | 580 | 406 | 3 | 291 | 446 | 32-0 | 37-5 | 0-50 | 26 23 | 1,336 | 42 55 | 15 32 | 31 |
| 6..... | 580 | 452 | 3 | 291 | 446 | 28-0 | 58-0 | 0-50 | 26 92 | 1,253 | 38 90 | 11 98 | 25 |
| 7..... | 599 | 411 | 3 | 291 | 446 | 37-0 | 32-0 | 0-50 | 26 28 | 1,297 | 40 83 | 14 55 | 24 |
| 8..... | 603 | 329 | 3 | 291 | 446 | 36-5 | 36-0 | 0-5 | 24 74 | 1,413 | 43 92 | 19 18 | 21 |
| 9..... | 649 | 517 | 3 | 291 | 446 | 39-5 | 46-0 | 0-50 | 30 86 | 2,143 | 69 98 | 38 12 | 17 |
| 10..... | 588 | 315 | 3 | 291 | 446 | 30-0 | 34-0 | 0-50 | 23 99 | 1,398 | 45 02 | 21 03 | 20 |
| 11..... | 601 | 441 | 3 | 291 | 446 | 25-0 | 38-5 | 0-50 | 27 52 | 1,425 | 44 31 | 16 79 | 23 |
| 12..... | 475 | 427 | 3 | 291 | 446 | 27-0 | 28-0 | 0-50 | 23 91 | 1,367 | 42 49 | 18 58 | 20 |
| 13..... | 578 | 356 | 3 | 291 | 446 | 30-0 | 35-0 | 0-50 | 24 85 | 1,429 | 46 06 | 21 21 | 20 |
| 14..... | 547 | 309 | 3 | 291 | 446 | 22-0 | 31-0 | 0-50 | 22 77 | 925 | 29 01 | 6 24 | 29 |
| 15..... | 599 | 510 | 3 | 291 | 446 | 27-0 | 33-0 | 0-50 | 29 05 | 1,471 | 45 37 | 16 32 | 23 |
| 16..... | 543 | 393 | 3 | 291 | 446 | 20-5 | 28-0 | 0-50 | 24 68 | 1,123 | 41 81 | 17 11 | 24 |
| 17..... | 569 | 275 | 3 | 291 | 446 | 25-5 | 31-5 | 0-50 | 22 73 | 1,353 | 49 95 | 27 22 | 20 |
| 18..... | 588 | 450 | 3 | 291 | 446 | 28-5 | 31-5 | 0-50 | 27 32 | 1,339 | 45 44 | 18 12 | 24 |
| 19..... | 572 | 353 | 3 | 291 | 446 | 18-5 | 30-5 | 0-50 | 24 42 | 1,165 | 39 68 | 15 26 | 25 |
| 20..... | 589 | 387 | 3 | 291 | 446 | 29-0 | 35-0 | 0-50 | 25 71 | 1,486 | 49 34 | 23 63 | 20 |
| Total..... | 11,672 | 7,803 | 60 | 5,820 | 8,920 | 585-0 | 709-0 | 10-0 | 515 37 | 27,886 | 903 11 | 386 72 | |
| Average..... | 583-6 | 390-1 | 3 | 291 | 446 | 29-2 | 35-4 | 0-5 | 25 76 | 1,394 | 45 15 | 19 33 | 23 |

QUEBEC EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|---------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | M. T. Armitage, Sherbrooke..... | B.P.R.. | 100 | *105 | 99 | 98 | 94 | 55 | 102 | 75 | 108 | 151 | ..... | 987 |
| 2 | Basse-Cour de la Co-opérative Centrale, Princeville..... | B.P.R.. | 65 | 66 | 120 | 27 | 126 | D 81 | D 99 | 117 | 112 | 105 | ..... | 918 |
| 3 | Arthur Fournier, Montmagny..... | B.P.R.. | 102 | 103 | 143 | 145 | 70 | 96 | 183 | 124 | 111 | 118 | ..... | 1,196 |
| 4 | Laforest & Co., Amos..... | B.P.R.. | D101 | D 27 | 48 | 91 | 116 | D 99 | D 37 | D 50 | 175 | 128 | ..... | 872 |
| 5 | Mlle Amelia Lecomte, Princeville..... | B.P.R.. | 92 | 85 | 139 | 82 | 125 | 116 | 123 | 122 | 102 | 62 | 4 | 1,050 |
| 6 | Ros. Legaré, Princeville..... | B.P.R.. | D 35 | * 75 | 58 | 84 | * 76 | 65 | D 36 | 53 | 122 | * 95 | 1 | 700 |
| 7 | Sta. Expérimentale, Cap Rouge..... | B.P.R.. | D 6 | 91 | 143 | * 81 | 65 | 132 | D | D 3 | 138 | 100 | 7 | 766 |
| 8 | Sta. Expérimentale, Cap Rouge..... | B.P.R.. | 152 | 129 | 170 | 134 | 36 | * 3 | 58 | 112 | 176 | 132 | 8 | 1,110 |
| 9 | Sta. Expérimentale, Cap Rouge..... | B.P.R.. | *123 | 118 | 125 | 153 | * 82 | 147 | D 65 | 41 | * 32 | 129 | 1 | 1,016 |
| 10 | Basse-Cour de la Co-opérative Centrale, Princeville..... | R.I.R.. | 173 | 78 | D 88 | 96 | D 2 | 76 | 114 | 84 | 115 | 111 | 2 | 939 |
| 11 | La. J. Bois, St. Jean Port Joli..... | R.I.R.. | * 52 | 78 | 154 | 110 | 131 | 125 | 136 | 97 | 113 | 100 | 4 | 1,100 |
| 12 | Geo. Bouchard, Ste. Anne de la Pocatière..... | S.C. | 108 | 53 | 96 | 71 | 103 | 114 | 114 | 51 | 111 | 113 | 4 | 938 |
| 13 | J. W. Butler, Montreal..... | R.I.R.. | 128 | * 59 | 69 | D121 | 39 | D100 | 115 | 116 | 104 | 95 | 1 | 947 |
| 14 | D. D. Dowding, Howick..... | S.C. | ..... | 153 | 217 | 102 | 76 | 162 | 98 | 162 | 157 | 110 | 15 | 1,252 |
| 15 | Ecole d'Agriculture, Ste. Anne de la Pocatière..... | R.I.R.. | 162 | 109 | 104 | 78 | 59 | 124 | 134 | 137 | 137 | 150 | 1 | 1,195 |
| 16 | Rossaire Legare, Princeville..... | R.I.R.. | 121 | D 71 | 139 | 109 | 124 | 110 | 75 | 55 | D 11 | 83 | 2 | 870 |
| 17 | Mrs. S. G. MacDermot, Montreal..... | R.C. | 132 | *182 | 119 | 100 | * 93 | 136 | 147 | 102 | 158 | 154 | 6 | 1,329 |
| 18 | J. W. Mercier, L'Islet..... | R.I.R.. | 110 | 153 | 148 | 150 | 103 | 176 | D | 124 | 150 | 122 | 6 | 1,242 |
| 19 | A. Ouellette, N. R. Pierre ville..... | R.I.R.. | 191 | 115 | 106 | * 62 | 111 | 97 | 135 | 94 | 83 | 158 | 5 | 1,157 |
| 20 | Frank Perkins, Foster..... | R.I.R.. | 55 | 109 | 84 | 53 | 124 | 104 | 53 | 100 | 87 | 89 | 5 | 863 |
| Total..... |  |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 20,447 |

* Production of more than one bird.
D Dead but not substituted.

QUEBEC EGG LAYING CONTEST, CAP ROUGE.

TABLE SHOWING PRODUCTION COSTS

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen Number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Char-coal | Shell | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|-------------|---------------|--------------|------------|------------|-------|-----------|--------|------------|-----------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | cts. |
| 1..... | 773 | 155-0 | 33-75 | 65 | 147 | 6-25 | 35-25 | 23 77 | 987 | 33 42 | 9 65 | 28 |
| 2..... | 722 | 133-50 | 32-75 | 65 | 147 | 6-25 | 38-75 | 22 64 | 918 | 29 50 | 6 86 | 29 |
| 3..... | 769 | 160-5 | 36-5 | 65 | 147 | 5-25 | 39-50 | 23 97 | 1,196 | 38 13 | 14 16 | 23 |
| 4..... | 689 | 140-25 | 30-75 | 65 | 147 | 6-25 | 30-75 | 21 36 | 872 | 32 39 | 11 03 | 29 |
| 5..... | 807 | 136-25 | 30-25 | 59 | 147 | 5-50 | 36-0 | 23 85 | 1,050 | 32 83 | 8 98 | 27 |
| 6..... | 704 | 131-0 | 29-75 | 46 | 147 | 5-75 | 28-50 | 21 39 | 700 | 22 45 | 1 06 | 36 |
| 7..... | 665 | 124-0 | 28-0 | 51 | 147 | 6-00 | 27-75 | 20 44 | 766 | 24 66 | 4 22 | 32 |
| 8..... | 698 | 143-5 | 30-25 | 51 | 147 | 6-50 | 31-50 | 21 61 | 1,110 | 39 38 | 17 77 | 23 |
| 9..... | 698 | 130-25 | 33-5 | 59 | 147 | 6-00 | 29-0 | 21 31 | 1,016 | 36 04 | 14 73 | 25 |
| 10..... | 698 | 140-0 | 29-25 | 65 | 147 | 5-25 | 29-75 | 21 31 | 939 | 36 58 | 15 27 | 27 |
| 11..... | 700 | 146-0 | 35-25 | 65 | 147 | 6-00 | 37-75 | 21 98 | 1,100 | 38 62 | 16 64 | 23 |
| 12..... | 728 | 151-0 | 29-25 | 65 | 147 | 6-00 | 33-00 | 22 22 | 938 | 28 40 | 6 18 | 28 |
| 13..... | 763 | 150-25 | 33-0 | 65 | 147 | 6-00 | 33-25 | 23 36 | 947 | 33 88 | 10 52 | 29 |
| 14..... | 779 | 166-5 | 34-75 | 65 | 147 | 6-00 | 37-0 | 24 25 | 1,252 | 44 15 | 19 90 | 23 |
| 15..... | 751 | 144-5 | 30-75 | 65 | 147 | 6-00 | 36-25 | 23 08 | 1,195 | 44 69 | 21 61 | 23 |
| 16..... | 682 | 148-25 | 27-75 | 65 | 147 | 6-00 | 34-0 | 21 42 | 870 | 29 45 | 8 03 | 29 |
| 17..... | 745 | 165-5 | 35-0 | 65 | 147 | 6-00 | 39-0 | 23 34 | 1,329 | 48 60 | 25 26 | 21 |
| 18..... | 678 | 160-5 | 33-25 | 65 | 147 | 6-00 | 38-75 | 21 87 | 1,242 | 40 93 | 19 06 | 21 |
| 19..... | 716 | 154-25 | 33-75 | 65 | 147 | 6-00 | 34-0 | 22 49 | 1,157 | 39 17 | 16 68 | 23 |
| 20..... | 711 | 149-5 | 31-75 | 65 | 147 | 6-00 | 32-75 | 22 07 | 863 | 27 08 | 5 01 | 30 |
| Total..... | 14,476 | 2,930-5 | 639-25 | 1,241 | 2,940 | 119-0 | 682-50 | 447 73 | 20,447 | 700 35 | 252 62 | |
| Average.... | 723-8 | 146-5 | 31-9 | 62-0 | 147 | 5-9 | 34-12 | 22 38 | 1,022 | 35 01 | 12 63 | 26 |

ONTARIO EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|-------------------------------------|--------------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. R. Stork, St. Catharines..... | B.R..... | 172 | *175 | 193 | *174 | *254 | 167 | D172 | 200 | 179 | 218 | 14 | 1,918 |
| 2 | Neff Bros., Simcoe..... | B.R..... | 207 | *190 | *219 | *234 | 159 | 115 | 211 | 138 | 210 | 96 | 14 | 1,793 |
| 3 | F. C. Stille, Ottawa..... | B.R..... | 170 | 212 | 244 | 164 | 180 | 216 | 247 | 202 | D167 | 197 | 6 | 2,005 |
| 4 | J. W. Clark, Cainsville..... | B.R..... | 165 | 234 | 265 | 171 | *225 | 251 | 184 | *171 | 229 | 107 | 23 | 2,025 |
| 5 | Nor. Spec. Farm, St. Williams..... | B.R..... | *157 | *144 | 220 | 189 | *177 | 214 | 241 | 180 | D116 | 203 | ..... | 1,850 |
| 6 | Ontario Agri. College, Guelph..... | B.R..... | D195 | 200 | 183 | 167 | *221 | *162 | 181 | 248 | 107 | * 93 | 13 | 1,770 |
| 7 | W. W. Marshall, Merlin..... | B.R..... | 104 | 174 | *159 | 155 | 161 | 205 | 156 | 44 | 129 | 158 | ..... | 1,458 |
| 8 | A. R. Miller, Eganville..... | S.C.A..... | 154 | *119 | 152 | 149 | D 95 | 132 | D 99 | 154 | 144 | 188 | ..... | 1,408 |
| 9 | L. W. Armstrong, Minesing..... | S.C.A..... | 47 | 190 | 152 | 164 | 191 | 202 | 159 | 140 | 177 | 199 | 8 | 1,629 |
| 10 | G. & W. Ratz, Tavistock..... | S.C.A..... | 151 | 66 | 163 | 128 | *151 | * 92 | *171 | 1 | 150 | 128 | 7 | 1,208 |
| 11 | N. H. Gampp, New Hamburg..... | S.C.A..... | 128 | 176 | 221 | 162 | 131 | 182 | 181 | 143 | 190 | 198 | ..... | 1,744 |
| 12 | J. Hoffman, New Hamburg..... | S.C.A..... | 204 | 75 | 167 | 85 | 185 | 199 | 162 | 200 | 90 | 150 | 20 | 1,537 |
| 13 | H. Montgomery, Avonmore..... | R.C.B.L..... | 169 | *145 | 191 | 120 | *146 | 154 | 153 | 146 | 55 | 90 | 7 | 1,376 |
| 14 | H. G. Hebel, Bridgeport..... | S.C.W.L..... | *202 | 194 | 200 | 236 | 205 | 205 | 271 | 93 | 240 | 288 | ..... | 2,138 |
| 15 | G. W. Peal, Rockwood..... | S.C.W.L..... | 131 | 255 | 203 | 238 | *141 | 186 | *181 | 206 | D132 | 148 | 13 | 1,834 |
| 16 | Nor. Spec. Farm, St. Williams..... | S.C.W.L..... | *161 | 226 | 197 | 181 | 224 | 249 | 206 | 155 | 165 | 248 | ..... | 2,025 |
| 17 | C. A. Webster, Cainsville..... | S.C.W.L..... | 146 | 233 | 216 | 163 | 191 | 215 | 241 | 207 | 157 | 193 | ..... | 1,970 |
| 18 | Exp. Farm, Ottawa..... | S.C.W.L..... | 170 | 136 | 239 | 238 | 240 | 140 | 144 | 205 | *106 | 171 | 23 | 1,812 |
| 19 | W. J. Richardson, Caledonia..... | S.C.W.L..... | 200 | *186 | 170 | 162 | *192 | 130 | 146 | 200 | 180 | *118 | 6 | 1,690 |
| 20 | A. McLean, Gananoque..... | S.C.W.L..... | 200 | 216 | 159 | 261 | 218 | 201 | 194 | *148 | 218 | 207 | 20 | 2,042 |
| 21 | Dr. I. H. Ante, Richmond Hill..... | S.C.W.L..... | 200 | 181 | 163 | 145 | 105 | 204 | 166 | 118 | 3 | *173 | 17 | 1,475 |
| 22 | Ottawa East P. Yards, Ottawa..... | S.C.W.L..... | 151 | D104 | 190 | 195 | * 89 | 160 | *142 | 128 | 99 | 185 | 12 | 1,455 |
| 23 | G. F. Selleck, Billings Bridge..... | S.C.W.L..... | 195 | 136 | 152 | 94 | 164 | 118 | 194 | 114 | 2 | 126 | 21 | 1,316 |
| 24 | C. H. Miller, Eganville..... | S.C.W.L..... | 224 | 259 | 160 | 223 | 172 | 226 | 226 | 227 | 225 | 187 | 14 | 2,144 |
| 25 | Credit Vale Farm, Streetsville..... | S.C.W.L..... | *151 | 199 | *164 | 153 | 197 | 218 | 211 | 158 | 147 | 147 | 5 | 1,750 |
| 26 | G. S. Dundas, Markdale..... | S.C.W.L..... | 181 | 139 | 131 | 126 | 191 | 249 | 143 | 217 | 105 | 178 | 5 | 1,665 |
| 27 | Exp. Farm, Ottawa..... | S.C.W.L..... | 186 | *160 | 133 | 108 | 202 | 176 | 164 | 173 | 138 | 168 | ..... | 1,628 |
| 28 | Exp. Farm, Ottawa..... | B.R..... | 218 | 202 | 167 | 217 | 160 | 97 | 223 | 183 | 209 | 240 | ..... | 1,925 |
| Total..... |  |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48,590 |

* Production of more than one bird.
D Dead but not substituted.

ONTARIO EGG LAYING CONTEST, OTTAWA.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen number | Scratch grain | Meal mixture | Meat feed | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|--------------|---------------|--------------|-----------|------------|--------|--------|----------|------------|-----------|----------|----------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | c. |
| 1..... | 588 | 193.75 | 42.0 | 255 | 650 | 40.25 | 55.5 | 22 61 | 1,918 | 80 09 | 57 48 | 15.1 |
| 2..... | 570 | 243.25 | 38.0 | 255 | 660 | 30.50 | 35.5 | 18 83 | 1,793 | 77 15 | 58 32 | 12.6 |
| 3..... | 596 | 215.50 | 42.0 | 255 | 650 | 48.50 | 52.00 | 25 57 | 2,005 | 78 74 | 53 17 | 15.2 |
| 4..... | 580 | 274.75 | 42.0 | 255 | 650 | 40.00 | 36.5 | 26 36 | 2,025 | 84 46 | 58 10 | 15.6 |
| 5..... | 586 | 150.0 | 40.0 | 255 | 650 | 18.0 | 36.75 | 23 36 | 1,850 | 76 45 | 53 09 | 15.1 |
| 6..... | 559 | 237.75 | 42.0 | 255 | 650 | 31.0 | 31.0 | 24 95 | 1,770 | 72 08 | 47 13 | 16.8 |
| 7..... | 570 | 176.50 | 33.0 | 255 | 650 | 37.0 | 32.5 | 23 31 | 1,458 | 55 66 | 32 35 | 19.2 |
| 8..... | 454 | 169.25 | 31.0 | 255 | 650 | 19.25 | 30.5 | 21 45 | 1,408 | 53 32 | 31 87 | 18.2 |
| 9..... | 493 | 153.25 | 37.0 | 255 | 650 | 39.0 | 32.5 | 21 42 | 1,629 | 64 62 | 43 20 | 15.7 |
| 10..... | 434 | 145.25 | 25.75 | 255 | 650 | 28.50 | 27.5 | 19 17 | 1,208 | 46 97 | 27 80 | 18.9 |
| 11..... | 490 | 189.0 | 26.0 | 255 | 650 | 21.0 | 36.50 | 21 33 | 1,744 | 74 25 | 52 92 | 14.4 |
| 12..... | 474 | 187.75 | 35.50 | 255 | 650 | 24.0 | 33.5 | 21 60 | 1,537 | 59 94 | 38 34 | 16.8 |
| 13..... | 461 | 184.0 | 15.0 | 255 | 650 | 22.50 | 41.5 | 21 22 | 1,376 | 51 86 | 30 64 | 18.4 |
| 14..... | 514 | 244.75 | 18.5 | 255 | 650 | 14.5 | 40.50 | 22 75 | 2,138 | 91 29 | 68 54 | 12.7 |
| 15..... | 508 | 243.0 | 30.0 | 255 | 650 | 15.0 | 36.25 | 24 71 | 1,834 | 75 19 | 50 48 | 16.0 |
| 16..... | 495 | 237.25 | 21.0 | 255 | 650 | 14.0 | 34.50 | 22 25 | 2,025 | 78 75 | 56 50 | 13.0 |
| 17..... | 517 | 212.25 | 16.0 | 255 | 650 | 17.75 | 38.5 | 21 91 | 1,970 | 77 15 | 55 24 | 13.3 |
| 18..... | 486 | 197.75 | 39.0 | 255 | 650 | 19.5 | 41.75 | 22 33 | 1,812 | 71 23 | 48 90 | 14.7 |
| 19..... | 518 | 248.75 | 36.0 | 255 | 650 | 31.0 | 48.5 | 25 44 | 1,690 | 63 05 | 37 61 | 18.0 |
| 20..... | 519 | 285.25 | 16.5 | 255 | 650 | 35.5 | 52.5 | 25 66 | 2,042 | 80 97 | 55 31 | 15.0 |
| 21..... | 479 | 161.25 | 19.0 | 255 | 650 | 32.75 | 30.25 | 21 19 | 1,475 | 56 19 | 35 00 | 17.2 |
| 22..... | 505 | 204.25 | 33.0 | 255 | 650 | 26.0 | 47.5 | 22 63 | 1,455 | 56 15 | 33 52 | 18.6 |
| 23..... | 466 | 176.25 | 20.5 | 255 | 650 | 21.25 | 26.5 | 21 24 | 1,316 | 48 85 | 27 61 | 19.2 |
| 24..... | 533 | 172.75 | 15.0 | 255 | 650 | 31.5 | 41.5 | 21 41 | 2,144 | 86 04 | 64 63 | 11.8 |
| 25..... | 470 | 188.25 | 12.0 | 255 | 650 | 16.0 | 30.75 | 21 19 | 1,750 | 65 84 | 44 65 | 14.4 |
| 26..... | 521 | 213.75 | 23.75 | 255 | 650 | 47.25 | 46.5 | 24 09 | 1,665 | 63 01 | 38 92 | 17.0 |
| 27..... | 473 | 193.5 | 39.0 | 255 | 650 | 52.25 | 36.5 | 22 11 | 1,628 | 65 28 | 43 17 | 16.2 |
| 28..... | 604 | 237.25 | 42.0 | 255 | 650 | 60.5 | 39.0 | 26 21 | 1,925 | 73 14 | 46 93 | 16.3 |
| Total.... | 14,463 | 5,736.25 | 830.50 | 7,140 | 18,200 | 832.25 | 1,072.75 | 636 30 | 48,590 | 1,927 72 | 1,291 42 | ..... |
| Average..... | 516.5 | 204.7 | 29.6 | 255 | 650 | 29.7 | 38.3 | 22 71 | 1,735 | 68 83 | 46 12 | 16.0 |

MANITOBA EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|-----------------------------|-----------|----------|------|-----|------|------|-----|------|------|-----|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Kerr & McGuinness, Brandon. | L.B.... | 47 | 76 | 96 | 101 | 99 | 25 | D | 48 | 63 | 15 | 35 | 605 |
| 2 | F. E. Merritt, Melita..... | B.R.... | 157 | 106 | 224 | *181 | 128 | 43 | D113 | 195 | 46 | 138 | 8 | 1,339 |
| 3 | Wm. Lief, Hamiota..... | R.I.R.... | 137 | D 44 | 105 | 84 | 130 | 149 | 169 | D 78 | 162 | D125 | 11 | 1,194 |
| 5 | E. H. Hebel, Brandon..... | S.C.A.... | 203 | 186 | 165 | *196 | 174 | 201 | 202 | 209 | 207 | 199 | 18 | 1,960 |
| 6 | Wm. Gregg, Desford..... | S.C.A.... | 241 | 192 | 182 | 170 | 141 | 157 | 192 | *151 | 150 | 160 | 22 | 1,758 |
| 7 | W. H. Howe, Winnipeg..... | S.C.A.... | 171 | 193 | 91 | *165 | 88 | 131 | 107 | 163 | 118 | 184 | 9 | 1,420 |
| 8 | W. H. Howe, Winnipeg..... | S.C.A.... | 193 | 182 | 131 | 161 | * 85 | 175 | 205 | 144 | 142 | 101 | 15 | 1,534 |
| 9 | H. C. Hall, Brandon..... | W.L.... | 183 | 180 | 140 | 184 | 178 | 163 | 154 | 122 | 161 | 193 | 10 | 1,668 |
| 10 | Jos. McQuoid, Winnipeg..... | W.L.... | 127 | 150 | 197 | 185 | D163 | 87 | 189 | 155 | 198 | 141 | 13 | 1,605 |
| 11 | Mrs. M. E. White, Brandon. | W.L.... | *184 | 148 | 115 | 90 | 206 | 141 | 161 | 158 | 183 | *190 | 10 | 1,586 |
| 12 | F. W. Allen, Winnipeg..... | W.L.... | 134 | 152 | 143 | 170 | 167 | 138 | 145 | 155 | 169 | 166 | 33 | 1,572 |
| 13 | H. E. Ross, St. Vital..... | W.R.... | 99 | 161 | 137 | D 10 | 156 | 144 | D 46 | D 39 | 151 | D 57 | 3 | 1,003 |
| 14 | W. J. Cann, Chater..... | W.W.... | 110 | 101 | 86 | 144 | 83 | 110 | D | D 32 | 126 | 140 | 11 | 943 |
| 15 | Rev. E. Lund, Lauder..... | W.W.... | 154 | 148 | 153 | 171 | 156 | 211 | 154 | 132 | 153 | 132 | 11 | 1,575 |
| 16 | Wm. Gregg, Desford..... | W.W.... | 140 | 181 | 157 | 191 | 188 | 55 | 129 | 99 | 132 | 144 | 19 | 1,435 |
| 17 | Exp. Farm, Brandon..... | W.W.... | 184 | 163 | 184 | 172 | 89 | 197 | 135 | 228 | 42 | 82 | 23 | 1,499 |
| 18 | Exp. Farm, Brandon..... | W.W.... | 201 | 125 | 224 | 178 | 140 | 167 | 236 | 164 | 206 | 152 | 29 | 1,822 |
| 19 | Exp. Farm, Brandon..... | B.R.... | 252 | 192 | 162 | 237 | 113 | 177 | 132 | 171 | 228 | 136 | 13 | 1,813 |
| 20 | Exp. Farm, Brandon..... | B.R.... | 191 | 142 | 267 | 187 | 222 | 122 | 202 | 197 | 179 | 209 | 9 | 1,927 |
| Total..... | | | | | | | | | | | | | | 28,211 |

*—Production of more than one bird.

D—Dead but not substituted.

MANITOBA EGG LAYING CONTEST, BRANDON.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Loss | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|------------|-----------|--------|-------|------------|-----------|--------|-------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | \$ c. | c. |
| 1..... | 662 | 337.5 | 15.38 | 77 | 715.0 | 36.0 | 31.0 | 22 79 | 605 | 14 43 | 8 36 | ..... | 45 |
| 2..... | 574 | 302.5 | 11.38 | 77 | 768.5 | 54.0 | 53.0 | 21 62 | 1,339 | 40 80 | ..... | 19 18 | 19 |
| 3..... | 555 | 370.0 | 11.38 | 77 | 700.0 | 24.0 | 45.0 | 21 12 | 1,194 | 32 80 | ..... | 11 68 | 21 |
| 5..... | 529 | 208.5 | 11.38 | 77 | 595.75 | 15.0 | 45.0 | 17 36 | 1,960 | 60 61 | ..... | 43 25 | 10 |
| 6..... | 529 | 168.5 | 11.38 | 77 | 607.0 | 15.5 | 37.5 | 17 01 | 1,758 | 51 69 | ..... | 34 68 | 11 |
| 7..... | 529 | 220.5 | 12.30 | 77 | 583.5 | 33.0 | 50.0 | 17 76 | 1,420 | 43 19 | ..... | 25 43 | 17 |
| 8..... | 486 | 199.5 | 12.38 | 77 | 579.0 | 17.0 | 54.0 | 16 63 | 1,534 | 48 75 | ..... | 32 12 | 13 |
| 9..... | 499 | 272.5 | 12.38 | 77 | 583.5 | 18.0 | 45.0 | 17 97 | 1,668 | 48 19 | ..... | 30 22 | 12 |
| 10..... | 512 | 320.5 | 13.38 | 77 | 637.5 | 25.0 | 58.0 | 19 39 | 1,605 | 51 86 | ..... | 32 47 | 14 |
| 11..... | 532 | 342.5 | 13.38 | 77 | 630.0 | 22.0 | 59.0 | 20 58 | 1,586 | 46 99 | ..... | 26 41 | 15 |
| 12..... | 552 | 342.5 | 14.30 | 77 | 619.5 | 25.0 | 47.0 | 20 25 | 1,572 | 42 16 | ..... | 21 91 | 15 |
| 13..... | 511 | 331.5 | 11.38 | 77 | 564.5 | 22.0 | 38.0 | 19 01 | 1,003 | 26 26 | ..... | 7 25 | 22 |
| 14..... | 492 | 191.5 | 11.38 | 77 | 559.5 | 34.0 | 37.0 | 16 68 | 943 | 28 70 | ..... | 12 02 | 21 |
| 15..... | 580 | 204.5 | 14.38 | 77 | 656.0 | 23.0 | 37.0 | 19 48 | 1,575 | 49 71 | ..... | 30 23 | 15 |
| 16..... | 565 | 212.5 | 13.38 | 77 | 655.5 | 23.0 | 33.0 | 18 26 | 1,435 | 41 63 | ..... | 23 37 | 15 |
| 17..... | 554 | 315.5 | 11.38 | 77 | 696.0 | 26.0 | 48.0 | 20 40 | 1,499 | 48 06 | ..... | 27 06 | 16 |
| 18..... | 639 | 341.5 | 16.30 | 77 | 692.5 | 25.0 | 51.0 | 22 51 | 1,822 | 58 65 | ..... | 36 14 | 14 |
| 19..... | 635 | 303.5 | 16.38 | 77 | 659.0 | 37.0 | 45.0 | 21 84 | 1,813 | 57 72 | ..... | 35 88 | 14 |
| 20..... | 635 | 400.0 | 16.30 | 77 | 721.0 | 36.25 | 49.0 | 22 10 | 1,927 | 60 53 | ..... | 38 43 | 13 |
| Total.... | 10,570 | 5,385.5 | 249.9 | 1,463 | 12,223.25 | 510.75 | 862.5 | 372 76 | 28,211 | 852 73 | 8 36 | 488 33 | ..... |
| Average..... | 556.3 | 283.4 | 13.1 | 77.0 | 638.0 | 26 82 | 45.3 | 19 61 | 1,484 | 44 88 | ..... | 24 41 | 16 |

SASKATCHEWAN EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|-----------------------------|---------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | J. G. Lewthwaite, Ros- | W.W.... | *157 | 143 | 192 | 180 | 150 | 162 | 130 | 122 | 130 | 124 | 41 | 1,531 |
| 2 | Exp. Farm, Indian Head... | W.W.... | 139 | 185 | 151 | 207 | *136 | 190 | 175 | 197 | 174 | 182 | 35 | 1,771 |
| 3 | Exp. Farm, Indian Head... | W.W.... | *204 | 160 | 184 | 218 | 190 | 126 | 162 | 138 | 154 | 99 | 89 | 1,724 |
| 4 | Exp. Farm, Indian Head... | W.W.... | 155 | 120 | 184 | * 52 | * 58 | 198 | 188 | 98 | 147 | 199 | 28 | 1,427 |
| 5 | Exp. Farm, Indian Head... | W.W.... | *154 | 173 | 151 | 165 | 187 | 92 | *145 | 115 | 213 | * 73 | 26 | 1,494 |
| 6 | A. Finch, Battleford..... | W.W.... | 214 | * 72 | *136 | * 27 | 216 | 211 | 109 | 167 | 181 | 179 | 30 | 1,542 |
| 7 | W. W. Smith, Battleford... | B.R.... | 99 | 154 | 179 | 175 | 187 | 135 | 105 | * 42 | 177 | 190 | 14 | 1,457 |
| 8 | S. W. Exley, Conquest.... | W.O.... | 45 | 106 | *107 | 115 | 126 | 133 | 110 | 158 | 150 | 152 | 62 | 1,264 |
| 9 | O. A. Walters, Grenfell.... | S.C.... | 171 | 25 | 15 | 147 | 116 | 135 | 180 | 49 | *103 | 114 | 19 | 1,074 |
| 10 | T. Gibbs, Moose Jaw..... | W.L.... | 149 | 106 | 75 | 114 | 133 | 60 | 86 | 121 | D 64 | 79 | 27 | 1,014 |
| 11 | T. Gibbs, Moose Jaw..... | S.C.... | 99 | 99 | 141 | 97 | 132 | 70 | 130 | 110 | 111 | 79 | 49 | 1,117 |
| 12 | A. W. Vann, Indian Head... | W.W.... | 180 | 119 | 153 | 226 | 194 | 179 | 214 | 56 | 143 | 177 | 39 | 1,680 |
| 13 | Mrs. J. J. Dane, Heward.. | S.C.... | 170 | 180 | 140 | 137 | 186 | 132 | *133 | 170 | 174 | *155 | 51 | 1,628 |
| 14 | R. Morley, Moose Jaw.... | S.C.A.. | 151 | 125 | 124 | * 80 | 105 | 135 | 104 | 67 | D 16 | 102 | 37 | 1,046 |
| 15 | S. H. Jones, Blaine Lake.. | B.R.... | 182 | 198 | 175 | 208 | 75 | 183 | 155 | 121 | 201 | 144 | 32 | 1,674 |
| 16 | Major M. Shoul, Zelma.... | B.R.... | 157 | 104 | 175 | D 17 | 174 | 95 | 201 | 37 | 120 | 171 | 37 | 1,288 |
| 17 | E. Barnett, Radisson..... | W.W.... | 119 | 145 | 57 | 159 | 91 | 110 | 150 | 58 | 143 | 121 | 39 | 1,197 |
| 18 | Mrs. Alfred Wilson, Lash- | B.R.... | 184 | 115 | 184 | 117 | 114 | 141 | 94 | D 81 | 87 | D 1 | 15 | 1,133 |
| Total..... |  |  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 25,062 |

*—Production of more than one bird.
D—Dead but not substituted.

SASKATCHEWAN EGG LAYING CONTEST, INDIAN HEAD.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen number | Scratch grain | Meal mixture | Grit | Shell | Char-coal | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|--------------|---------------|--------------|-------|-------|-----------|------------|-----------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | c. |
| 1..... | 776 | 440.5 | 11.5 | 24.5 | 19.5 | 20 22 | 1,531 | 45 09 | 24 87 | 15 |
| 2..... | 806 | 398.5 | 15.0 | 24.0 | 21.0 | 19 91 | 1,771 | 54 09 | 34 18 | 13 |
| 3..... | 762 | 417.0 | 13.0 | 20.5 | 15.0 | 19 37 | 1,724 | 52 24 | 32 87 | 13 |
| 4..... | 749 | 417.0 | 11.0 | 13.5 | 10.0 | 18 96 | 1,427 | 43 41 | 24 45 | 15 |
| 5..... | 690 | 390.0 | 8.5 | 15.5 | 18.0 | 18 27 | 1,494 | 44 94 | 26 67 | 14 |
| 6..... | 705 | 392.0 | 13.5 | 15.0 | 5.0 | 18 80 | 1,542 | 46 21 | 27 41 | 14 |
| 7..... | 707 | 372.0 | 17.0 | 12.5 | 5.5 | 17 15 | 1,457 | 38 80 | 21 65 | 14 |
| 8..... | 789 | 335.0 | 12.5 | 19.5 | 7.0 | 17 68 | 1,264 | 35 89 | 18 21 | 16 |
| 9..... | 781 | 335.0 | 8.5 | 15.0 | 4.5 | 16 97 | 1,074 | 26 95 | 9 98 | 18 |
| 10..... | 689 | 389.0 | 12.0 | 17.5 | 4.0 | 16 95 | 1,014 | 23 79 | 6 84 | 20 |
| 11..... | 684 | 410.0 | 7.5 | 18.0 | 6.0 | 17 50 | 1,117 | 26 80 | 9 30 | 18 |
| 12..... | 807 | 317.0 | 12.0 | 19.5 | 11.0 | 17 56 | 1,680 | 47 76 | 30 20 | 12 |
| 13..... | 803 | 370.0 | 17.0 | 22.5 | 3.5 | 18 57 | 1,628 | 43 20 | 24 63 | 13 |
| 14..... | 642 | 360.0 | 13.0 | 17.5 | 6.0 | 16 38 | 1,046 | 25 58 | 9 20 | 18 |
| 15..... | 755 | 317.0 | 12.0 | 20.5 | 4.5 | 16 80 | 1,674 | 43 47 | 26 67 | 12 |
| 16..... | 727 | 370.0 | 11.5 | 22.5 | 21.5 | 17 51 | 1,288 | 34 67 | 17 16 | 17 |
| 17..... | 729 | 302.0 | 9.0 | 17.5 | 14.0 | 16 65 | 1,197 | 32 80 | 16 15 | 16 |
| 18..... | 793 | 350.0 | 15.0 | 17.0 | 8.0 | 17 65 | 1,133 | 28 40 | 10 75 | 18 |
| Total..... | 13,394 | 6,662.0 | 219.5 | 332.5 | 184.0 | 322 90 | 25,062 | 694 09 | 371 19 | ..... |
| Average..... | 744.1 | 370.1 | 12.1 | 18.4 | 10.2 | 17 93 | 1,392 | 38 55 | 20 62 | 16 |

ALBERTA EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|--|---------|----------|------|------|------|------|------|------|------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | F. Edwards, Edmonton... | B.R.... | 165 | 127 | 183 | 75 | 173 | 120 | 204 | 156 | 158 | 162 | 6 | 1,529 |
| 2 | W. A. Fraser, Medicine Hat | B.R.... | 187 | *114 | 187 | 213 | 229 | 167 | 142 | 126 | 176 | 249 | 1 | 1,801 |
| 3 | B. E. Rogers, Lethbridge.. | B.R.... | 163 | 208 | 251 | 230 | 114 | 150 | 203 | 189 | 159 | 147 | 4 | 1,818 |
| 4 | Wm. Northcott, Bedding- ton..... | B.R.... | 151 | 53 | 112 | *108 | 58 | 150 | 80 | 106 | 132 | * 89 | 2 | 1,042 |
| 5 | M. Bolinger, Gleichen..... | B.R.... | 71 | 154 | 82 | 103 | 163 | 90 | 97 | 101 | 77 | 93 | 8 | 1,039 |
| 6 | H. Higginbotham, Calgary | B.R.... | 71 | 190 | 124 | 77 | *138 | 104 | 152 | 215 | 59 | 122 | 1 | 1,252 |
| 7 | Westbrookes Bros., Leth- bridge..... | B.R.... | 186 | 80 | 134 | 69 | D 53 | 181 | 101 | 166 | 156 | 102 | ..... | 1,228 |
| 8 | Miss H. J. Garrow, Brooks | B.R.... | 101 | 113 | 91 | *147 | 111 | 117 | 42 | 155 | * 76 | 67 | 5 | 1,025 |
| 9 | Dept. of Agriculture, Ed- monton..... | W.W.... | *147 | 121 | *183 | 221 | 128 | 165 | 147 | 163 | 171 | 164 | 5 | 1,615 |
| 11 | Exp. Farm, Lacombe..... | W.W.... | 24 D 48 | 159 | 147 | 156 | 188 | 138 | 123 | 163 | 144 | 144 | 6 | 1,296 |
| 12 | C. M. Baker, Calgary..... | W.W.... | 122 | 165 | 156 | 192 | 113 | 191 | 73 | 144 | 35 | 200 | 3 | 1,394 |
| 13 | H. T. Luther, Winnifred... | W.W.... | * 98 | 167 | *234 | 141 | 152 | 203 | 156 | 100 | 77 | 85 | 6 | 1,419 |
| 14 | J. F. Canning, McLeod.... | W.W.... | 215 | 122 | 159 | 210 | D 23 | D 73 | 124 | * 42 | D152 | 179 | 8 | 1,307 |
| 18 | R.I.R. Club, Calgary..... | R.I.R.. | D156 | D 83 | 95 | 144 | 110 | *110 | 179 | *131 | 165 | *111 | 5 | 1,289 |
| 19 | C.P.R. Demon. Farm, Strathmore..... | R.I.R.. | 151 | 130 | 68 | 94 | 112 | 96 | 80 | 148 | 138 | 178 | 5 | 1,201 |
| 20 | Exp. Farm, Lethbridge.... | B.R.... | 180 | 151 | 100 | 184 | 167 | 219 | 199 | 110 | 195 | 178 | 5 | 1,688 |
| 21 | T. H. Enderton, Leth- bridge..... | Anc.... | 56 | 152 | 135 | 134 | 178 | 177 | 85 | 185 | 78 | 127 | 1 | 1,308 |
| 22 | H. C. Graham, Lethbridge | Anc.... | 142 | 120 | 166 | 170 | 169 | 179 | 118 | 140 | 133 | 170 | ..... | 1,507 |
| 23 | R. H. Ennismore, Edmon- ton..... | W.L.... | 235 | 186 | 167 | 146 | 210 | 261 | 211 | 257 | *145 | 204 | 5 | 2,027 |
| 24 | A. J. Forner, Medicine Hat. | W.L.... | 143 | 136 | 16 | 152 | 75 | 112 | 71 | 132 | 68 | 47 | ..... | 957 |
| 25 | Exp. Farm, Lethbridge.... | B.R.... | *169 | 198 | 216 | 281 | 196 | 295 | 233 | 226 | 154 | 203 | 9 | 2,180 |
| 26 | Exp. Farm, Lethbridge.... | B.R.... | 217 | 201 | 88 | 165 | 177 | 202 | 129 | 159 | *128 | 235 | 6 | 1,707 |
| 27 | Exp. Farm, Lethbridge.... | B.R.... | 114 | 202 | 149 | 237 | 256 | 225 | 140 | 152 | 212 | 228 | 6 | 1,922 |
| 28 | Exp. Farm, Lethbridge.... | B.R.... | 189 | 170 | 215 | *110 | 225 | 228 | *223 | 239 | 124 | 97 | 6 | 1,826 |
| 29 | Exp. Farm, Lethbridge.... | B.R.... | 227 | 178 | 186 | 203 | 95 | 152 | 229 | 173 | 168 | 210 | 6 | 1,827 |
| Total..... | | | | | | | | | | | | | | 37,204 |

* Production of more than one bird.
D Dead but not substituted.

ALBERTA EGG LAYING CONTEST, LETHBRIDGE.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen Number | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Charcoal | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|------------|---------------|--------------|------------|------------|------|--------|-------|----------|------------|-----------|----------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | cts. |
| 1..... | 426-0 | 539-5 | 62-75 | 73 | 5 | 9-50 | 24-50 | 2-75 | 19 77 | 1,529 | 53 07 | 33 30 | 15 |
| 2..... | 436-0 | 604-5 | 63-0 | 73 | 5 | 11-25 | 22-75 | 4-25 | 21 57 | 1,801 | 69 55 | 47 98 | 14 |
| 3..... | 432-0 | 558-0 | 59-5 | 73 | 5 | 14-25 | 23-0 | 8-0 | 20 43 | 1,818 | 61 43 | 41 00 | 13 |
| 4..... | 416-5 | 553-0 | 64-0 | 73 | 5 | 15-25 | 17-75 | 11-50 | 20 81 | 1,041 | 37 59 | 16 78 | 23 |
| 5..... | 423-5 | 587-5 | 59-50 | 73 | 5 | 15-50 | 21-0 | 7-25 | 20 91 | 1,039 | 31 17 | 10 26 | 24 |
| 6..... | 429-0 | 565-0 | 61-25 | 73 | 5 | 6-25 | 21-75 | 6-25 | 20 75 | 1,252 | 41 06 | 20 31 | 19 |
| 7..... | 426-0 | 571-5 | 69-0 | 73 | 5 | 12-75 | 22-0 | 6-50 | 21 27 | 1,228 | 43 37 | 22 10 | 20 |
| 8..... | 423-5 | 585-0 | 60-25 | 73 | 5 | 16-50 | 22-0 | 6-0 | 21 10 | 1,025 | 32 95 | 11 85 | 24 |
| 9..... | 428-0 | 566-5 | 55-25 | 73 | 5 | 5-0 | 20-0 | 1-25 | 19 99 | 1,615 | 61 84 | 41 85 | 14 |
| 11..... | 416-0 | 557-75 | 56-25 | 73 | 5 | 7-0 | 15-0 | 1-50 | 20 21 | 1,296 | 48 24 | 28 03 | 18 |
| 12..... | 421-0 | 479-0 | 64-75 | 73 | 5 | 13-75 | 26-75 | 9-25 | 19 66 | 1,394 | 48 27 | 28 61 | 16 |
| 13..... | 405-0 | 525-0 | 58-5 | 73 | 5 | 15-25 | 22-0 | 7-50 | 19 74 | 1,419 | 54 84 | 35 10 | 16 |
| 14..... | 390-0 | 538-0 | 62-0 | 73 | 5 | 3-75 | 23-25 | 1-0 | 19 47 | 1,307 | 49 27 | 29 80 | 17 |
| 18..... | 392-0 | 555-0 | 60-50 | 73 | 5 | 6-0 | 19-75 | 8-0 | 19 87 | 1,289 | 41 46 | 21 59 | 19 |
| 19..... | 408-0 | 586-5 | 66-75 | 73 | 5 | 7-0 | 19-50 | 3-50 | 21 30 | 1,201 | 44 69 | 23 39 | 21 |
| 20..... | 405-5 | 558-5 | 61-25 | 73 | 5 | 10-50 | 19-50 | 3-50 | 19 94 | 1,688 | 61 66 | 41 72 | 14 |
| 21..... | 337-5 | 413-0 | 62-75 | 73 | 5 | 4-75 | 17-25 | 1-50 | 16 38 | 1,308 | 42 01 | 25 63 | 15 |
| 22..... | 336-0 | 422-5 | 57-25 | 73 | 5 | 4-0 | 22-0 | 7-0 | 16 48 | 1,507 | 52 38 | 35 90 | 13 |
| 23..... | 391-0 | 515-0 | 68-75 | 73 | 5 | 4-25 | 27-25 | 5-50 | 19 65 | 2,027 | 74 06 | 54 41 | 11 |
| 24..... | 300-0 | 428-5 | 53-75 | 73 | 5 | 3-25 | 12-25 | 4-75 | 15 31 | 957 | 27 08 | 13 77 | 19 |
| 25..... | 411-0 | 513-5 | 66-25 | 73 | 5 | 6-0 | 14-75 | 7-50 | 19 41 | 2,180 | 82 25 | 62 84 | 10 |
| 26..... | 411-0 | 513-5 | 64-25 | 73 | 5 | 6-25 | 15-0 | 6-75 | 19 41 | 1,707 | 65 68 | 46 27 | 13 |
| 27..... | 411-0 | 513-5 | 64-25 | 73 | 5 | 6-5 | 15-0 | 6-75 | 19 41 | 1,922 | 72 69 | 53 28 | 12 |
| 28..... | 411-0 | 513-5 | 64-25 | 73 | 5 | 6-5 | 15-0 | 6-75 | 19 41 | 1,826 | 68 41 | 49 00 | 12 |
| 29..... | 411-0 | 485-0 | 64-25 | 73 | 5 | 6-5 | 15-0 | 6-75 | 19 41 | 1,827 | 67 34 | 47 93 | 12 |
| Total..... | 10,097-5 | 13,248-25 | 1,550-25 | 1,825 | 125 | 217-50 | 494-0 | 141-25 | 491 66 | 37,204 | 1,332 36 | 842 70 | |
| Average... | 403-9 | 529-9 | 62-0 | 73 | 5 | 8-7 | 19-7 | 5-6 | 19 66 | 1,488 | 53 29 | 33 70 | 16 |

BRITISH COLUMBIA EGG LAYING CONTEST.

LIST OF ENTRANTS.

With individual and total production 1921-22.

| Pen | Owner and Address | Variety | Bird No. | | | | | | | | | | Floor | Total |
|------------|-------------------------------------|-----------|----------|------|------|------|------|------|-----|-------|------|------|-------|--------|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| 1 | Dom. Exp. Farm, Agassiz. | W.L.... | 206 | 219 | 219 | 188 | 211 | 236 | 265 | 253 | 216 | 218 | 22 | 2,253 |
| 2 | H. W. Bratt, Crofton..... | W.L.... | D 45 | 106 | 194 | 190 | 63 | 166 | 148 | 168 | 179 | 216 | 6 | 1,481 |
| 3 | W. D. Bruce, Pitt Meadows | W.L.... | 165 | D134 | 119 | D 79 | 252 | D101 | 229 | 270 | D108 | 191 | 30 | 1,678 |
| 4 | P. Darbey & Son, Hammond..... | W.L.... | D 61 | 183 | 73 | 106 | D112 | 211 | 206 | 82 | D 63 | 180 | 24 | 1,301 |
| 5 | R. H. Grahame, Langley Prairie..... | W.L.... | 226 | 196 | 179 | 239 | 193 | 224 | 162 | 172 | 203 | 250 | 24 | 2,068 |
| 6 | R. S. A. Jackson, Duncan. | W.L.... | *179 | 191 | 175 | 162 | 238 | *186 | 199 | 203 | 212 | 204 | 51 | 2,000 |
| 7 | C. P. Metcalfe, Hammond. | W.L.... | 214 | 188 | 113 | 202 | 227 | 238 | 154 | 200 | 196 | 227 | 15 | 1,974 |
| 8 | M. H. Rutledge, Sardis.... | W.L.... | *244 | *219 | 195 | 222 | 219 | *217 | 66 | 232 | 196 | 202 | 38 | 2,050 |
| 9 | E. Yale Smith, Chilliwack. | W.L.... | 235 | 189 | 143 | 220 | *229 | *188 | 181 | 209 | 155 | 220 | 55 | 2,024 |
| 10 | Surrey W. L. Farm, Vancouver..... | W.L.... | 225 | 206 | 238 | 203 | 255 | 228 | 232 | 171 | 204 | 237 | 30 | 2,229 |
| 11 | A. Unsworth, Sardis..... | W.L.... | 155 | 229 | 118 | 209 | 175 | 158 | 75 | 164 | 188 | 73 | 49 | 1,593 |
| 12 | Mrs. S. Raby, Sardis..... | Bl.L.... | 107 | 89 | *121 | 189 | 131 | 83 | 146 | 12 | 96 | 155 | 67 | 1,196 |
| 13 | George Nurse, Agassiz.... | Anc.... | 138 | *149 | 223 | *227 | 86 | 128 | 179 | 190 | *208 | 174 | 22 | 1,724 |
| 14 | T. H. Braim, Sardis..... | B.A.... | 129 | 157 | 188 | 185 | 138 | 189 | 163 | 157 | 211 | 193 | 15 | 1,815 |
| 15 | Sturgeon & Wells, Yennadon..... | B.A.... | 139 | 171 | 186 | 151 | 221 | 147 | 131 | 213 | 191 | 153 | 36 | 1,739 |
| 16 | H. Sweetman, Agassiz.... | R.I.R.... | 195 | 196 | 214 | 231 | *145 | 248 | 142 | 173 | 174 | 196 | 52 | 1,966 |
| 17 | D. Russell, Jubilee..... | R.I.R.... | 213 | *129 | 158 | 127 | 195 | 173 | 167 | 131 | 131 | 210 | 34 | 1,668 |
| 18 | R. Johnstone, Kelowna.... | B.O.... | 151 | 180 | 176 | 217 | 143 | 238 | 101 | 92 | 213 | 212 | 56 | 1,779 |
| 19 | C. W. Robbins, Chilliwack | B.O.... | 112 | 203 | 222 | 145 | 156 | 202 | 168 | 181 | 142 | 56 | 51 | 1,638 |
| 20 | Dom. Exp. Farm, Agassiz. | B.P.R.... | 297 | 153 | 266 | 284 | 230 | 244 | 253 | 276 | 253 | 272 | 33 | 2,601 |
| 21 | M. S. Stephens, Courtenay. | B.P.R.... | 213 | 165 | *203 | 113 | 209 | *140 | 267 | 165 | 177 | 149 | 49 | 1,850 |
| 22 | H. Wilkinson, S. Vancouver | B.P.R.... | 156 | 155 | 161 | 138 | 146 | 150 | 172 | 117 | 109 | D134 | 22 | 1,460 |
| 23 | Glen Bros., Armstrong.... | W.P.R.... | 172 | 192 | 113 | 149 | 155 | 113 | 163 | 156 | 165 | 163 | 10 | 1,551 |
| 24 | W. Bradley, Langford..... | W.W.... | 136 | 181 | 241 | *160 | 203 | 158 | 165 | 183 | 186 | 130 | 42 | 1,785 |
| 25 | A. Cant, Appledale..... | W.W.... | 146 | 148 | 194 | 215 | D | 229 | 243 | 59 | 179 | 168 | 29 | 1,610 |
| 26 | H. C. Cooke, Victoria.... | W.W.... | 231 | 199 | 198 | 153 | 188 | 186 | 180 | 180 | 195 | 163 | 36 | 1,909 |
| 27 | A. S. Huntingford, Agassiz. | W.W.... | 237 | 175 | 35 | 225 | D112 | 172 | D 8 | D 157 | 234 | 124 | 11 | 1,490 |
| 28 | Reade & King, Cowichan Station..... | W.W.... | 180 | 180 | 177 | 190 | 159 | 202 | 235 | 307 | 203 | 157 | 24 | 2,014 |
| 29 | Dom. Exp. Farm, Summerland..... | W.W.... | 247 | 217 | 225 | *232 | 205 | *140 | 156 | 206 | 185 | 216 | 78 | 2,107 |
| Total..... | | | | | | | | | | | | | | 52,553 |

* Production of more than one bird.
D Dead but not substituted.

BRITISH COLUMBIA EGG LAYING CONTEST, AGASSIZ.

TABLE SHOWING PRODUCTION COSTS.

Feed with cost, eggs and value, gain and cost per dozen in 1921-22.

| Pen Number | Scratch grain | Meal mixture | Green feed | Milk | Grit | Shell | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|--------------|---------------|--------------|------------|--------|--------|--------|------------|-----------|----------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | cts. |
| 1..... | 410-75 | 317-0 | 577 | 546 | 4-25 | 46-0 | 23 02 | 2,253 | 64 36 | 41 34 | 12 |
| 2..... | 409-75 | 217-65 | 577 | 546 | 7-25 | 30-5 | 20 26 | 1,481 | 38 27 | 18 28 | 16 |
| 3..... | 374-75 | 190-0 | 577 | 546 | 4-5 | 26-25 | 18 31 | 1,678 | 48 53 | 30 22 | 13 |
| 4..... | 454-5 | 119-25 | 577 | 546 | 4-25 | 23-75 | 18 87 | 1,301 | 36 08 | 17 21 | 17 |
| 5..... | 496-5 | 187-75 | 577 | 546 | 10-5 | 39-25 | 21 32 | 2,068 | 55 63 | 34 31 | 12 |
| 6..... | 398-75 | 334-75 | 577 | 546 | 5-5 | 34-0 | 22 05 | 2,000 | 55 21 | 32 26 | 13 |
| 7..... | 426-0 | 402-75 | 577 | 546 | 4-0 | 38-25 | 25 27 | 1,974 | 51 61 | 26 34 | 15 |
| 8..... | 453-5 | 380-25 | 577 | 546 | 3-75 | 35-5 | 25 13 | 2,050 | 56 60 | 31 47 | 15 |
| 9..... | 473-0 | 373-75 | 577 | 546 | 2-75 | 38-0 | 25 55 | 2,024 | 55 34 | 29 79 | 15 |
| 10..... | 409-75 | 366-5 | 577 | 546 | 5-5 | 39-5 | 24 11 | 2,229 | 60 80 | 36 69 | 12 |
| 11..... | 418-5 | 286-5 | 577 | 546 | 5-0 | 39-25 | 22 28 | 1,593 | 42 01 | 19 73 | 16 |
| 12..... | 380-5 | 221-75 | 577 | 546 | 9-0 | 24-75 | 19 51 | 1,196 | 28 56 | 9 05 | 19 |
| 13..... | 392-5 | 251-55 | 577 | 546 | 3-8 | 29-5 | 20 65 | 1,724 | 46 29 | 25 64 | 14 |
| 14..... | 511-25 | 304-25 | 577 | 546 | 6-5 | 34-5 | 25 54 | 1,815 | 46 06 | 20 52 | 16 |
| 15..... | 487-0 | 264-5 | 577 | 546 | 2-3 | 39-95 | 23 21 | 1,739 | 46 64 | 23 43 | 16 |
| 16..... | 408-75 | 403-0 | 577 | 546 | 8-0 | 33-25 | 24 43 | 1,966 | 53 29 | 28 86 | 15 |
| 17..... | 453-35 | 484-65 | 577 | 546 | 8-65 | 29-5 | 26 77 | 1,668 | 45 54 | 18 77 | 19 |
| 18..... | 436-5 | 528-05 | 577 | 546 | 4-25 | 36-75 | 28 44 | 1,779 | 45 72 | 17 28 | 19 |
| 19..... | 435-75 | 419-0 | 577 | 546 | 9-25 | 30-0 | 25 93 | 1,638 | 44 78 | 18 85 | 19 |
| 20..... | 432-5 | 589-5 | 577 | 546 | 6-0 | 38-35 | 29 80 | 2,601 | 75 57 | 45 77 | 13 |
| 21..... | 433-5 | 468-0 | 577 | 546 | 5-45 | 37-85 | 27 00 | 1,850 | 46 63 | 19 63 | 17 |
| 22..... | 458-7 | 344-85 | 577 | 546 | 7-0 | 28-0 | 24 39 | 1,460 | 37 71 | 13 32 | 20 |
| 23..... | 408-0 | 275-3 | 577 | 546 | 8-0 | 31-0 | 21 74 | 1,551 | 40 53 | 18 79 | 17 |
| 24..... | 443-5 | 380-25 | 577 | 546 | 6-0 | 28-5 | 24 44 | 1,785 | 51 24 | 26 80 | 16 |
| 25..... | 445-0 | 199-75 | 577 | 546 | 5-25 | 31-3 | 20 59 | 1,610 | 41 38 | 20 79 | 15 |
| 26..... | 438-25 | 377-5 | 577 | 546 | 8-25 | 36-25 | 25 05 | 1,909 | 54 66 | 29 61 | 15 |
| 27..... | 426-75 | 265-55 | 577 | 546 | 3-75 | 27-75 | 21 68 | 1,490 | 43 05 | 21 37 | 17 |
| 28..... | 410-75 | 443-05 | 577 | 546 | 8-0 | 38-5 | 25 78 | 2,014 | 53 94 | 28 16 | 15 |
| 29..... | 429-25 | 434-0 | 577 | 546 | 15-0 | 37-5 | 26 19 | 2,107 | 58 95 | 32 76 | 15 |
| Total..... | 12,557-55 | 9,866-65 | 16,733 | 15,834 | 181-70 | 973-45 | 688 21 | 52,553 | 1,424 98 | 737 04 | |
| Average..... | 433-0 | 340-2 | 577 | 546 | 6-25 | 33-5 | 23 73 | 181-2 | 49 13 | 25 41 | 16 |

TABLE SHOWING PRODUCTION COSTS, ALL CONTESTS, 1921-22

Average per pen (10 birds) feed consumed, cost, egg yield and cost of production for 1 year.

| Contest | Scratch grain | Meal mixture | Beef scrap | Green food | Milk | Grit | Shell | Char coal | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|------------------------|---------------|--------------|------------|------------|---------|-------|-------|-----------|------------|-----------|--------|--------|----------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | c. |
| Canadian..... | 500-2 | 230-3 | 33-3 | 241-0 | 650-0 | 29-5 | 46-69 | ..... | 23 59 | 1,671 | 65 72 | 42 13 | 17 |
| Prince Edward Island.. | 538-5 | 242-5 | ..... | 138-1 | 67-3 | 28-9 | 32-2 | 0-7 | 21 07 | 1,258 | 30 82 | 10 15 | 20 |
| Nova Scotia..... | 609-5 | 350-4 | 50-1 | 147-4 | ..... | 22-8 | 34-2 | ..... | 27 69 | 1,383 | 42 95 | 14 96 | 24 |
| New Brunswick..... | 553-6 | 390-1 | 3-0 | 291-0 | 446-0 | 29-2 | 35-4 | 0-5 | 25 76 | 1,394 | 45 15 | 19 33 | 23 |
| Quebec..... | 723-8 | 146-5 | 31-9 | 62-0 | 147-0 | ..... | 34-12 | 5-9 | 22 38 | 1,022 | 35 01 | 12 63 | 26 |
| Ontario..... | 516-5 | 204-7 | 29-6 | 255-0 | 650-0 | 29-7 | 38-3 | ..... | 22 71 | 1,735 | 68 83 | 46 12 | 16 |
| Manitoba..... | 556-3 | 283-4 | 13-1 | 77-0 | 638-0 | 26-82 | 45-3 | ..... | 19 61 | 1,484 | 44 88 | 24 41 | 16 |
| Saskatchewan..... | 744-1 | 370-1 | ..... | ..... | ..... | 12-1 | 18-4 | 10-2 | 17 93 | 1,392 | 38 55 | 20 62 | 16 |
| Alberta..... | 403-9 | 529-9 | 62-0 | 73-0 | 5-0 | 8-7 | 19-7 | 5-6 | 19 66 | 1,488 | 53 29 | 33 70 | 16 |
| British Columbia..... | 433-0 | 340-2 | ..... | 577-0 | 546-0 | 6-25 | 33-5 | ..... | 23 73 | 1,812 | 49 13 | 25 41 | 16 |
| Total..... | 5,609-4 | 3,088-1 | 223-0 | 1,861-5 | 3,149-3 | 193-9 | 337-8 | 22-9 | 224 13 | 14,639 | 474 33 | 249 46 | ..... |
| Average..... | 560-9 | 308-8 | 31-0 | 206-8 | 39-3 | 21-5 | 33-7 | 4-5 | 22 41 | 1,463 | 47 43 | 24 94 | 18 |

MORTALITY LIST 1921-21 CONTESTS

| | Pens | Deaths | Per cent |
|---------------------------|------|--------|----------|
| Canadian..... | 60 | 94 | 15.6 |
| Prince Edward Island..... | 20 | 27 | 13.5 |
| Nova Scotia..... | 20 | 38 | 19.0 |
| New Brunswick..... | 20 | 25 | 12.5 |
| Quebec..... | 20 | 34 | 17.0 |
| Ontario..... | 28 | 44 | 15.7 |
| Manitoba..... | 19 | 18 | 9.4 |
| Saskatchewan..... | 18 | 22 | 12.2 |
| Alberta..... | 25 | 26 | 10.4 |
| British Columbia..... | 29 | 31 | 10.7 |
| Totals..... | 259 | 359 | 13.8 |

The above table shows the death rate for the contest year. The per cent mortality was 13.8, which was 1.5 higher than that of the previous contest.

Nova Scotia had the highest mortality, which was 19 per cent, Quebec was second highest with 17, Ontario third with 15.7, and the Canadian fourth with 15.6 per cent. Manitoba had the lowest mortality.

Two causes were responsible for most of the deaths during the year and these seemed to be troublesome throughout all contests. They were first, roup, and second, disorders of the reproductive system. These troubles are not associated in any way but appear to be the result of the same or very similar causes.

Most of the deaths in contest birds are the result of heavy feeding and high egg production. Colds, which later develop into roup, canker, etc., are the result of infection, but it is nevertheless true that birds in heavy laying are more prone to infection, because of the heavy strain on the system, than birds in low or ordinary production. It has been noticed that birds in heavy laying are not only more susceptible to disease but, when once affected, are unable to resist the disease and become easy victims, whereas birds in low or ordinary production, even though they contract the disease, are able to put up a greater resistance.

Disorders of the reproductive system, of which prolapsus is the most frequent, are usually caused by some weakness in the productive organs, and because the contest birds receive feed and care which stimulate egg production, birds possessing any weakness in these organs are almost sure to develop disorders of this kind.

Digestive disorders such as enlarged crop, impaction of the gizzard and enlarged or fatty degeneration of the liver were responsible for a number of deaths, but the toll taken by such disorders was comparatively small.

THREE YEARS' SUMMARY.

During the 1919-20 Contest there were 1,610 birds with an average production of 112.6 eggs each, in 1920-21 the 2,480 birds averaged 134.5 eggs per bird, and in the 1921-22 Contest 2,590 birds had an average yield of 146.3 eggs per bird. The number of birds increased each year and likewise the number of eggs laid per bird was also higher.

The cost of production was 32 cents the first year, 25 cents the second and 18 cents the third year and, no doubt, the increased egg yield was partly responsible for this change. This was especially true of the 1921-22 Contest. During the first contest year the price of grain, mash, etc., was much higher than during the second and third contest years and due allowance must be made for this factor.

The following table gives the averages for each year, the average for the three years for one pen and for one bird per year during the entire three periods.

AVERAGE OF AVERAGES THREE YEARS LAYING CONTESTS.

Average per pen (10 birds) feed consumed, cost, egg yield, and cost of production for 1 year.

| Year | Scratch grain | Meal mixture | Beef scrap | Green feed | Milk | Grit | Shell | Char- coal | Total cost | Eggs laid | Value | Gain | Cost per dozen |
|-----------------------|------------------|-----------------|---------------|---------------|---------|------|-------|---------------|---------------|--------------|--------|-------|----------------------|
| | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | lbs. | \$ c. | | \$ c. | \$ c. | c. |
| 1919-20..... | 552.2 | 289.3 | 24.8 | 124.5 | 290.7 | 24.5 | 31.1 | 15.1 | 33 12 | 1,225 | 58 48 | 25 36 | 32 |
| 1920-21..... | 557.8 | 277.3 | 24.1 | 278.2 | 384.7 | 18.4 | 27.0 | 11.3 | 28 89 | 1,370 | 51 70 | 23 01 | 25 |
| 1921-22..... | 560.9 | 308.8 | 31.0 | 206.8 | 393.6 | 21.5 | 33.7 | 4.5 | 22 41 | 1,463 | 47 43 | 24 94 | 18 |
| Total..... | 1,670.9 | 875.4 | 79.9 | 609.5 | 1,069.0 | 64.4 | 91.8 | 30.9 | 84 42 | 4,058 | 157 61 | 73 31 | 75 |
| Average per pen..... | 556.9 | 291.8 | 26.6 | 203.1 | 356.3 | 21.4 | 30.6 | 10.3 | 28 14 | 1,352 | 52 53 | 24 43 | 25 |
| Average per bird..... | 56.6 | 29.1 | 2.6 | 20.3 | 35.6 | 2.1 | 3.0 | 1.0 | 2 81 | 135.2 | 5 25 | 2 44 | ..... |

RECORD OF PERFORMANCE.

Comparing the number of birds qualifying in Record of Performance AA for each year we find as follows: 1919-20—23 per cent; 1920-21—36.4 per cent; 1921-22—40.8 per cent; and for Advanced Record of Performance AA: 1919-20—0.7 per cent; 1920-21—3.4 per cent; and 1921-22—5.9 per cent. While the total number of birds has increased each year the production has increased even more rapidly as is shown by the yearly average production and the per cent qualifying each year.

INCREASED YEARLY PRODUCTION.

Since the breeding of qualified contest birds could not have had any effect on the second year's birds as they were entering when the 1919-20 Contest birds were leaving the contests, and since production improvement is transmitted very largely through the male, the female progeny of the first contest females are the only ones that could favourably affect production in the third series of contests, and as the number of these pullets was very limited one cannot reasonably expect that the influence created by them was sufficient to account for the increased egg yield. It cannot be denied that the management of the laying contest has improved each year, that the feeding practice has been more carefully studied and administered, that more capable poultrymen have been employed in the carrying out of every detail, but any or all of the above improvements are not, we believe, responsible for the decided improvement which has taken place.

SELECTION OF CONTEST PENS IMPORTANT.

More careful selection of the contest pens was the major factor in the improvement shown from year to year. Contestants soon learned that there was a difference in the way pullets would perform after entering the contest and that age of bird (or better development of bird) was a very important factor. They soon learned that the proper development was just before the birds started laying, and this one point in selection has been the means of getting breeders to pay greater attention to the hatching of their contest birds. A decided improvement has been noted in this regard, and we believe has exerted as much influence as any other factor.

THE DEVELOPMENT OF THE PULLET.

The rearing of the well-born chick has very much to do with its physical development, and later on, with the yearly egg yield. Chicks which were intended for contest pens being hatched in the most favourable period of the hatching season start their existence under desirable climatic conditions and as a result develop steadily until ready to enter the contest. Furthermore, these chicks receive the very best of food and shelter so as to give them the best chance possible, and as a result we find a finished article ready to start production when the contest opens the first of November.

It is well known and universally recognized that all pullets are not alike and the breeder that has sufficient stock to enable him to make a careful selection cannot do better than go over them carefully before shipping them to the contest. The careful selection of a well-bred pen of bred-to-lay pullets, which have been hatched at the proper time, have received the proper feed and care throughout the growing season and have been laid down at the contest ready to start laying the first week in November have had more to do with high production than is generally supposed.

REGISTRATION QUALIFICATIONS.

Perhaps the most recent development in poultry work in Canada is the granting of registration to poultry.

Canada is the first country to provide for registration of poultry in a national way and has done so by standardizing her Egg Laying Contests as to make them the medium through which registration may be obtained. This was made possible on the 16th day of January, 1923, when Dr. J. H. Grisdale, on behalf of the Federal Department of Agriculture, placed his signature to the Constitution of the Canadian National Poultry Record Association. All registration certificates are issued by the Canadian National Live Stock Records Office, Ottawa.

Registration may be obtained as follows:—

1. *Females* of any of the recognized breeds, free from standard disqualifications and typical of the breed they represent, providing they lay 200 eggs, which weigh at least 24 ounces to the dozen, in any of the Canadian National Egg Laying Contests as approved by the Federal Department of Agriculture.

2. *Males* the sons of registered females which are free from standard disqualifications, typical of the breed, and have passed inspection between the age of six and twelve months, providing their dams and grand-dams have qualified in any of the Canadian National Egg Laying Contests, and their owners have fulfilled the necessary requirements as laid down by the Constitution of the Canadian National Poultry Record Association. Or,

3. *Males* that are the sons of registered males and registered females (except first generation registered females) and have passed inspection as to constitution, Standard requirements, breed qualifications, and the other requirements fulfilled as laid down by the said constitution.

It will be noticed that females cannot be registered on their ancestry, but on the production basis, and then only when they and their owners have fulfilled the requirements as laid down by the Constitution of the Canadian National Poultry Record Association. A male to become eligible must have been the son and grandson of a registered female and his sire and grandsire must have been approved male birds or the son of a registered male and at least a second generation registered female. The males to qualify must pass inspection as to Standard requirements, constitutional vigour, and be worthy specimens of the breed and variety they represent.

By such a pedigree system we hope to be able to place before the buying public male birds of known ancestry, giving such birds the seal of the Department of Agriculture as a guarantee that they are approved birds and by so doing offset the uncertainty which at present exists in the mind of the buyer as to the breeding of the bird for which he has paid a high price.

It is not the intention of the Department of Agriculture to qualify, in the immediate future, sufficient registered male birds to mate with the mass of the breeding females in Canada, but rather to secure a fair number of really high class males to mate with females of like breeding.

The males from this registered mating can then be used on farms having trapnest records of the females (Record of Performance), and the males from this mating can then be used to mate with the farm flocks throughout the country. Such a system should lead to gradual grading up of farm flocks and it is in this way that registration will be of the greatest benefit to the poultrymen of Canada.

In the ten contests held in 1921-22, 402 birds laid 200 eggs or upwards each, passed all requirements and were banded for registration before leaving the contest.

The following table gives the number of birds qualifying for registration in these contests, by varieties:—

BIRDS ELIGIBLE FOR REGISTRATION 1921-22 CONTESTS

| Contest | Barred Ply- mouth Rocks | White Wyan- dottes | Single Comb Rhode Island Reds | Rose Comb Rhode Island Reds | Buff Orping- tons | Single Comb White Leghorns | Single Comb Anco- nas | Rose Comb Anco- nas | Andal- usians | Total |
|---------------------------|----------------------------------|--------------------------|---|---|-------------------------|-------------------------------------|--------------------------------|------------------------------|------------------|-------|
| Canadian..... | 74 | 1 | 4 | 1 | | 51 | 2 | 2 | 1 | 136 |
| Prince Edward Island..... | 2 | | | | | 6 | | | | 8 |
| Nova Scotia..... | 20 | | | | | | | | | 20 |
| New Brunswick..... | 22 | 1 | 1 | | | 1 | | | | 25 |
| Quebec..... | | | | 1 | | | | | | 1 |
| Ontario..... | 24 | | | | | 48 | 4 | | | 76 |
| Manitoba..... | 8 | 6 | | | | 1 | 7 | | | 22 |
| Saskatchewan..... | 2 | 13 | | | | | | | | 15 |
| Alberta..... | 34 | 4 | | | | | 6 | | | 44 |
| British Columbia..... | 10 | 8 | 4 | | 5 | 27 | | | 1 | 55 |
| Total..... | 196 | 33 | 9 | 2 | 5 | 134 | 19 | 2 | 2 | 402 |

Of the 402 birds qualifying for registration 269 have been registered by their owners.

Careful inspection of the registered females, the males to which these females are bred, and the chicks hatched will, we hope, result in the successful recording of the first generation of registered poultry in Canada.

Department of Agriculture



Dominion Experimental
Farm

Poultry Division

Canada

Advanced Record of Performance for Poultry Section A.C. Certificate

Owned by.....
Breed and variety.....
Record commenced.....
Official band number.....

Record ended.....
Total production.....

This is to certify that the following trap-nest record
was made by the bird bearing the above numbered band
under the Rules and Regulations of the
Canadian Record of Performance for Poultry Section A.C.
Trap-nest Record

| Period | No eggs |
|----------------------------|---------|
| From Nov 1 to Nov 28, 1921 | |
| " Nov 29 - Dec 26 " | |
| " Dec 27 - Jan 23, 1922 | |
| " Jan 24 - Feb 20 " | |
| " Feb 21 - Mar 20 " | |
| " Mar 21 - Apr 17 " | |
| " Apr 18 - May 15 " | |
| " May 16 - June 12 " | |
| " June 13 - July 10 " | |
| " July 11 - Aug 7 " | |
| " Aug 8 - Sept 4 " | |
| " Sept 5 - Oct 2 " | |
| " Oct 3 - Oct 30 " | |

Minimum Qualification Requirement
Advanced Record of Performance - 225 eggs in 52 consecutive weeks

Dated at Ottawa this.....
..... day of 19..

Director - Dominion Experimental Farm

Domestic Poultry Bandmaster

CANADIAN NATIONAL LIVE STOCK RECORDS

CANADIAN NATIONAL POULTRY RECORD ASSOCIATION.

Incorporated under the Act respecting Live Stock Record Associations at the
Department of Agriculture, Ottawa, Canada.

Certified Copy of Pedigree Recorded in the Canadian National
Poultry Record.

If a change of ownership occurs, this certificate with application for transfer and
transfer fee should immediately be forwarded to Record Office.

Breed..... Variety.....

Name..... Registration Number..... Sex.....

Contest Band..... Wing Label..... Chick Band.....

Tattoo Letters Right Wing..... Tattoo Number Left Wing.....

Born.....

Bred by.....

.....

.....

Sire.....

.....

.....

.....

.....

Dam.....

.....

.....

Typed by Ottawa, Canada.

THIS IS TO CERTIFY that the above pedigree is on record in the
Canadian National Poultry Record.

[SEAL]

Approved
For Minister of Agriculture,

R. G. T. HITCHMAN,
Registrar.

